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NATIONAL OCCUPATIONAL HEALTH SURVEY OF MINING

BORON MINERALS REPORT

OCTOBER 18, 1988

COMMENTS SHOULD BE DIRECTED TO

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16. Abstract (Limit: 200 words) This report concerned occupational health data for boron minerals mining (SIC-1474) based on surveys during June and July of 1984. Four boron minerals facilities were surveyed and data collected concerning occupational health program and policy information; the presence of all health related substances found on mine property; and a series of worksite observations which detail potential exposures to chemical and physical agents. This report identified potential exposures and provided the associated numbers of workers, the occupations of those workers, and the locations on the mine property where the potential exposures were observed. This information was categorized into seven tables: four concerning chemical agents; one concerning musculoskeletal overload conditions; one concerning physical exposure conditions; and one concerning welding processes. Estimated annual usage information was provided for chemical substances, both generic and tradenames.					
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INTRODUCTION

This is one of a series of reports on the National Occupational Health Survey of Mining (NOHSM), which is being carried out by the National Institute for Occupational Safety and Health (NIOSH). This particular report provides NOHSM data for the boron minerals commodity, which was surveyed during June and July, 1984. Four boron minerals facilities were surveyed; they were the only active operations listed by MSHA when the sample was drawn. The NOHSM began in May, 1984, as an effort by NIOSH to obtain representative data related to occupational health from the mining industry. The data collected were similar to the information previously obtained in non-mining studies. Specifically, NOHSM data include:

- a. Occupational health program and policy information;
- b. An inventory of all health-related substances found on mine property; and
- c. A series of worksite observations which detail potential exposure to chemical and physical agents.

These data are being collected by surveyors who travel to each mine site. The survey sites have been chosen so as to provide a statistically valid representation of each commodity at the time of the NOHSM sample selection. With this representative sample, NIOSH can project survey data to the entire mining industry.

The NOHSM is being carried out primarily as a service to the Mine Safety and Health Administration (MSHA), and secondarily as a source of information for NIOSH investigators and other interested parties. MSHA plans to use the data for three purposes:

1. To set regulatory priorities and write improved health standards;
2. To improve compliance with existing standards; and
3. To identify and determine research needs and priorities.

This transfer of information to MSHA is mandated by Section 201 of the 1977 Federal Mine Safety and Health Amendments Act.

This report identifies potential exposures and provides the associated numbers of workers, the occupations of those workers, and the locations on the mine property where the potential exposures were observed. This information is categorized into seven tables: four concerning chemical agents; one concerning musculoskeletal overload conditions; one concerning physical exposure conditions; and one concerning welding processes. Estimated annual usage information is provided for chemical substances, both generic and tradenames.

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For the boron minerals commodity, Table 1 contains twelve chemicals which were found on mine property and are regulated by MSHA. During the 4 surveys, only one chemical (diesel fuel) was encountered which could be displayed in Table 2 (chemicals found on mine property that have a NIOSH recommended exposure limit but are not regulated by MSHA). Nine chemicals were found which have no NIOSH or MSHA exposure limit (Table 3). Table 4 lists 599 tradename products to which workers in the commodity were found to be potentially exposed. Table 5 describes potential exposures to the following 7 physical agents: lasers, ionizing radiation, noise, segmental and whole-body vibration, process-related temperature, and temperature from underground strata. Table 6 lists potential exposures to the following 12 musculoskeletal conditions: sitting; standing; prone or supine lying; heavy lifting; frequent lifting; awkward lifting; diminished light; neck and/or back movement; wrist movement; lower limb movement; finger and hand movement; and the forearm, arm, and shoulder motions. Table 7 indicates the 11 welding processes: arc welding; shielded metal arc welding; oxyfuel gas cutting; arc cutting; flux cored arc welding; electrogas welding; spray transfer welding; plasma arc cutting; electric iron soldering; torch soldering; and gas tungsten arc spot welding, which were observed to be used in the boron minerals commodity.

It is extremely important that the limitations of the reported data be recognized. The data do not in any way document exposures or exposure levels. The data only indicate potential exposures. The term "potential exposure" means the agent was observed to be present at one or more worksites in such a way that there was a possibility of workers being exposed to the agent.

Likewise, the usage data presented in some of the tables are only a guide to the projected magnitude of usage and should not be taken as precise information. The usage data are based on estimates provided by mine management. It is expected that these estimates have widely varying accuracy. Occasionally, an item may be represented as having an annual usage of zero with workers observed to be potentially exposed. This may occur because annual usage estimates are generally based on purchases of the 12 months immediately preceding a survey. Therefore, items purchased prior to that 12 month period may be represented as having a zero annual usage rate even though potential exposures were observed during the survey. Other zero annual usage occurrences could involve recyclable items such as some catalysts and desiccants, items such as paints and coatings which are applied prior to the 12 month period but which are present in the workplace in such a way as to present a potential exposure, and obsolete items which are no longer actively used on the property but to which employees could still be potentially exposed in the course of their work. Furthermore, all the estimates were rounded to the nearest whole number, with all quantities between 0 and 1 being reported as 1. Thus, extremely small usage levels may actually be lower than estimated. With this possible exception, NIOSH believes the relative magnitude to be appropriately represented.

Another limitation to be observed is the terminology associated with the commodity, occupation, and location. These terms were adapted directly from MSHA information and applied by NIOSH. NIOSH recognizes that other

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parties may prefer other commodity, occupation, or location terminology. The MSHA terms were used because of MSHA's close interest in the data.

A separate report will be prepared for each commodity surveyed as a part of the NOHSM. During each segment of the NOHSM, approximately 150 mining operations are surveyed as the sample from a number of selected commodities. A different set of commodities is surveyed during each segment. NIOSH plans for use of these data in the future include:

- a. Encourage MSHA use of the data, as outlined above;
- b. Determine the ranges of exposure to various agents, as required by Section 201 of the 1977 Federal Mine Safety and Health Amendments Act;
- c. Assist in setting priorities for mine-related occupational health research; and
- d. Respond to questions from other parties regarding occupational health aspects of the mining industry.

Information beyond that presented in this report has been collected during the NOHSM. All of the information not protected by trade secret claims is available to the public upon detailed written request. Other categories of available information include:

- a. Management policies related to occupational health;
- b. Duration of potential exposures;
- c. Operations associated with potential exposures;
- d. Controls employed with potential exposures; and
- e. Results of bulk dust analyses for silica, metals, and fibers.

Interested parties should direct their requests to:

Project Officer
National Occupational Health Survey of Mining
NIOSH
Division of Respiratory Disease Studies
944 Chestnut Ridge Road, Room 140
Morgantown, WV 26505-2888

TABLE DEFINITIONS

AGENT NAME	(1) # WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) # WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) % WORKERS POTENTIALLY (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(5) OCCUPATIONS	(6) LOCATIONS

Column (1) represents the total number of workers in occupations within this commodity in which a potential exposure to an agent was observed or identified through questioning of mine management or workers. This number only includes workers from the NOHSM sample sites. A "potential exposure" means the agent was observed to be present at the worksite in such a way that there was a possibility of workers being exposed to the agent. The potential exposures do not imply any exposure level, nor do they imply the absence or presence of controls.

Column (2) represents the number of workers within this commodity predicted to be potentially exposed to each agent. This number reflects a projection to this entire commodity, based on data obtained at NOHSM sample sites.

Column (3) represents the percentage of workers within this commodity predicted to be potentially exposed to each agent. Column (3) is obtained by dividing column (2) by the projected total population of workers in the commodity.

Column (4) represents the number of gallons (GAL) or the number of pounds (LBS) of each chemical that NIOSH has estimated to be used per year. This number is obtained from projections based on estimates of usage provided by mine management, and should only be used in determining the order of magnitude of usage. It should not be used as a precise figure. This number reflects a projection to this entire commodity, based on data obtained at NOHSM sample sites. In some cases, where usage data was unavailable, a "*" appears in this column.

Column (5) contains the occupations observed to have a potential for exposure to this agent. In each occupation, the percentage of workers with a potential for exposure to the agent is given in parentheses. This number only includes data obtained at NOHSM sample sites.

Column (6) contains the locations where workers were observed to have a potential for exposure to this agent at the NOHSM sample sites. The percentage of workers in each listed location with a potential exposure to the agent is given in parentheses. This number only includes data obtained at NOHSM sample sites.

TABLE 1, PAGE 1 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

MSHA REGULATED CHEMICALS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

CHEMICAL NAME	#WORKERS POTENTIALLY EXPOSED			%WORKERS POTENTIALLY EXPOSED		PREDICTED ANNUAL USAGE
	(1) (OBSERVED)	(2) (PREDICTED)	170	(3) (PREDICTED)	(4) (PREDICTED)	
ACETYLENE	170	170	13			9,808 LBS.
(5) OCCUPATIONS						
416 SALVAGE CREW (67%)		514 LABORATORY TECHNICIAN (2%)				(6) LOCATIONS
602 ELECTRICIAN (38%)		604 MECHANIC (78%)				002 UNDERGROUND SHOP (85%)
616 LABORER; BULLGANG (12%)		619 WELDER (96%)				004 SURFACE MINE (12%)
660 MACHINIST (33%)		804 PLUMBER; PIPE FTR; MILLWRT (25%)				005 SURFACE SHOP (23%)
						009 SURFACE MISC (12%)
						010 SURFACE MILL (8%)
ARSENIC TRIOXIDE						
	2	2	<1			(6) LOCATIONS
						009 SURFACE MISC (<1%)
(5) OCCUPATIONS						
514 LABORATORY TECHNICIAN (3%)						
CARBON DIOXIDE						
	8	8	1			(6) LOCATIONS
						005 SURFACE SHOP (1%)
						009 SURFACE MISC (<1%)
						004 SURFACE MINE (3%)
(5) OCCUPATIONS						
619 WELDER (12%)		649 ADMN, SUPERVISORY, MGT PERSONL (1%)				
804 PLUMBER; PIPE FTR; MILLWRT (2%)						

TABLE 1, PAGE 2 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

MSHA REGULATED CHEMICALS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

CHEMICAL NAME	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
COAL	1	1	<1	2,000 LBS.

(5) OCCUPATIONS	(6) LOCATIONS
416 SALVAGE CREW (33%)	005 SURFACE SHOP (<1%)

PROPANE	2	2	<1	543 LBS.
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(5) OCCUPATIONS	(6) LOCATIONS
616 LABORER; BULLGANG (3%)	005 SURFACE SHOP (1%)

HYDROGEN CHLORIDE	61	61	5	24,018 GALS. 37 LBS.
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(5) OCCUPATIONS	(6) LOCATIONS
579 SLURRY, MIXING OR PUMPING WRKR (24%)	005 SURFACE SHOP (5%)
604 MECHANIC (4%)	009 SURFACE MISC (2%)
618 GREASER; OILER (8%)	010 SURFACE MILL (19%)
649 ADMN, SUPERVISORY, MGT PERSNL (11%)	
804 PLUMBER; PIPE FTR; MILLWRT (11%)	
679 FLOTATION/CONCTR OPTR (22%)	

METHYL ALCOHOL	19	19	1	3 LBS.
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(5) OCCUPATIONS	(6) LOCATIONS
514 LABORATORY TECHNICIAN (29%)	009 SURFACE MISC (4%)

TABLE 1, PAGE 3 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

MSHA REGULATED CHEMICALS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

CHEMICAL NAME	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)		(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)		(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)		(4) PREDICTED ANNUAL USAGE	
	43	43	43	43	3	3	47,450 GALS.	

(5)
OCCUPATIONS

602 ELECTRICIAN (38%)
649 ADMN, SUPERVISORY, MGT PERSNL (1%)
616 LABORER; BULLGANG (9%)

(6)
LOCATIONS

009 SURFACE MISC (7%)
010 SURFACE MILL (4%)

SULFURIC ACID

112 112 8 11,153,300 LBS.

(5)
OCCUPATIONS

389 FORKLIFT OPTR (7%)
579 SLURRY, MIXING OR PUMPING WRKR (53%)
604 MECHANIC (4%)
616 LABORER; BULLGANG (9%)
649 ADMN, SUPERVISORY, MGT PERSNL (15%)
804 PLUMBER; PIPE FTR; MILLWRT (12%)
514 LABORATORY TECHNICIAN (9%)
602 ELECTRICIAN (42%)
613 CLEANUP MAN (4%)
618 GREASER; OILER (8%)
668 TRACTOR OPTR (100%)

(6)
LOCATIONS

010 SURFACE MILL (13%)
005 SURFACE SHOP (8%)
009 SURFACE MISC (16%)

SILVER NITRATE

3 3 <1 1 LBS.

(5)
OCCUPATIONS

514 LABORATORY TECHNICIAN (5%)

(6)
LOCATIONS

009 SURFACE MISC (1%)

TABLE 1, PAGE 4 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED
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MSHA REGULATED CHEMICALS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

CHEMICAL NAME	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS 005 SURFACE SHOP (1%)
PCB	2	2	<1	0 GALS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (2%)					
ASBESTOS	43	43	3	0 LBS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (32%)					(6) LOCATIONS 009 SURFACE MISC (8%)
649 ADMN, SUPERVISORY, MGT PERSONL (1%)					

TABLE 2, PAGE 1 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

CHEMICALS FOUND ON MINE PROPERTY THAT HAVE A NIOSH RECOMMENDED EXPOSURE LIMIT BUT ARE NOT REGULATED BY MSHA

COMMODITY NAME: BORON MINERALS

CHEMICAL NAME	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)		(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)		(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)		(4) PREDICTED ANNUAL USAGE	
	340	340	340	340	25	25	2,676,976 GALS.	
DIESEL FUEL								

(5) OCCUPATIONS		(6) LOCATIONS	
034 DIAMOND DRILL OPTR (100%)	048 ROOF BOLTER MOUNTED (100%)	002 UNDERGROUND SHOP (88%)	
053 UTILITY MAN (100%)	079 CRUSHER OPTR (67%)	005 SURFACE SHOP (18%)	
368 BULLDOZER OPTR (50%)	375 ROAD GRADER OPTR (100%)	001 UNDERGROUND MINE (92%)	
376 TRUCK DRIVER (15%)	379 DRYER OPTR; KILN OPTR (20%)	004 SURFACE MINE (26%)	
387 ROTARY BUCKET EXCAVATOR OPTR (100%)	389 FORKLIFT OPTR (20%)	010 SURFACE MILL (21%)	
416 SALVAGE CREW (100%)	456 ENGINEER; TECHNICAL SERVICES (11%)	009 SURFACE MISC (20%)	
513 BLDG REPAIR AND MAINTENANCE (5%)	579 SLURRY, MIXING OR PUMPING WRKR (18%)		
601 CONVEYOR BELT CREW (100%)	602 ELECTRICIAN (52%)		
604 MECHANIC (70%)	613 CLEANUP MAN (30%)		
614 SAMPLER; DUST SAMPLER (29%)	616 LABORER; BULLGANG (40%)		
618 GREASER; OILER (42%)	623 SURVEYOR; TRANSIT MAN (60%)		
649 ADMN, SUPERVISORY, MGT PERSNL (14%)	668 TRACTOR OPTR (100%)		
679 FLOTATION/CONCTR OPTR (8%)	728 COMPLETE LOAD-HAUL/DUMP CYCLE (100%)		
782 FRONT-END LOADER OPTR (56%)	804 PLUMBER; PIPE FTR; MILLWRT (1%)		
807 POWDER GANG; BLASTER (67%)	825 BOBCAT OPTR (100%)		
879 BAGGING OR PACKING WRKR (16%)			

TABLE 3, PAGE 1 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

CHEMICALS FOUND ON MINE PROPERTY THAT HAVE NO NIOSH RECOMMENDATION OR MSHA EXPOSURE LIMIT

COMMODITY NAME: BORON MINERALS

CHEMICAL NAME	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
AMMONIUM NITRATE	4	4	<1	9,600,000 LBS.	
(5) OCCUPATIONS					
376 TRUCK DRIVER (4%)				807 POWDER GANG; BLASTER (67%)	004 SURFACE MINE (3%)
CHLOROACETIC ACID	8	8	1	4 GALS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (12%)					009 SURFACE MISC (2%)
NATURAL GAS	14	14	1	17905372672 GALS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (17%)				649 ADMN, SUPERVISORY, MGT PERSNL (1%)	010 SURFACE MILL (7%)
804 PLUMBER; PIPE FTR; MILLWRT (1%)					
SODA ASH	90	90	7	3,600,000 LBS.	
(5) OCCUPATIONS					
579 SLURRY, MIXING OR PUMPING WRKR (24%)				588 SIZING AND WASHING OPNS WRKR (100%)	

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CHEMICALS FOUND ON MINE PROPERTY THAT HAVE NO NIOSH RECOMMENDATION OR MSHA EXPOSURE LIMIT

COMMODITY NAME: BORON MINERALS

CHEMICAL NAME	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
SODA ASH (CONTINUED)	90	90	7	3,600,000 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (38%)			613 CLEANUP MAN (15%)		005 SURFACE SHOP (2%)
618 GREASER; OILER (8%)			649 ADMN, SUPERVISORY, MGT PERSNL (11%)		009 SURFACE MISC (9%)
679 FLOTATION/CONCTR OPTR (22%)			804 PLUMBER; PIPE FTR; MILLWRT (11%)		010 SURFACE MILL (19%)
SODIUM SULFITE	1	1	<1	1 LBS.	
(5) OCCUPATIONS					(6) LOCATIONS
514 LABORATORY TECHNICIAN (2%)					009 SURFACE MISC (<1%)
POTASSIUM PHOSPHATE	3	3	<1	1 LBS.	
(5) OCCUPATIONS					(6) LOCATIONS
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)
SODIUM SULFATE	90	90	7	0 LBS.	
(5) OCCUPATIONS					(6) LOCATIONS
456 ENGINEER; TECHNICAL SERVICES (11%)			514 LABORATORY TECHNICIAN (8%)		

(CONTINUED NEXT PAGE)

CHEMICALS FOUND ON MINE PROPERTY THAT HAVE NO NIOSH RECOMMENDATION OR MSHA EXPOSURE LIMIT

COMMODITY NAME: BORON MINERALS

CHEMICAL NAME	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
SODIUM SULFATE (CONTINUED)	90	90	7	0 LBS.

(5) OCCUPATIONS	(6) LOCATIONS
579 SLURRY, MIXING OR PUMPING WRKR (35%) 613 CLEANUP MAN (4%) 649 ADMN, SUPERVISORY, MGT PERSNL (9%) 804 PLUMBER; PIPE FTR; MILLWRT (12%)	010 SURFACE MILL (6%) 005 SURFACE SHOP (7%) 009 SURFACE MISC (15%)

SILVER CHLORIDE	2	2	<1	1 LBS.
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(5) OCCUPATIONS	(6) LOCATIONS
514 LABORATORY TECHNICIAN (3%)	009 SURFACE MISC (<1%)

GASOLINE-UNLEADED	280	280	21	259,807 GALS.
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(5) OCCUPATIONS	(6) LOCATIONS
279 HAMMER MILL OPTR (100%) 389 FORKLIFT OPTR (87%) 416 SALVAGE CREW (100%) 513 BLDG REPAIR AND MAINTENANCE (32%) 579 SLURRY, MIXING OR PUMPING WRKR (18%) 603 ELECTRICIAN HELPER (100%)	376 TRUCK DRIVER (9%) 413 JANITOR (12%) 456 ENGINEER; TECHNICAL SERVICES (28%) 514 LABORATORY TECHNICIAN (5%) 602 ELECTRICIAN (59%) 604 MECHANIC (8%)

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TABLE 3, PAGE 4 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

CHEMICALS FOUND ON MINE PROPERTY THAT HAVE NO NIOSH RECOMMENDATION OR MSHA EXPOSURE LIMIT

COMMODITY NAME: BORON MINERALS

CHEMICAL NAME	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
GASOLINE-UNLEADED (CONTINUED)	280	280	21	259,807 GALS.	
(5) OCCUPATIONS					
613 CLEANUP MAN (19%)			616 LABORER; BULLGANG (45%)		004 SURFACE MINE (3%)
618 GREASER; OILER (25%)			623 SURVEYOR; TRANSIT MAN (20%)		005 SURFACE SHOP (24%)
649 ADMN, SUPERVISORY, MGT PERSNL (55%)			674 WAREHOUSEMAN; SUPPLY HANDLER (53%)		010 SURFACE MILL (20%)
782 FRONT-END LOADER OPTR (22%)			804 PLUMBER; PIPE FTR; MILLWRT (16%)		009 SURFACE MISC (35%)
879 BAGGING OR PACKING WRKR (38%)					

TABLE 4, PAGE 1 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
A.W. CHESTERTON CO.					
CHESTERTON ANTI-SIEZE COMPOUND HIGH TEMPERATURE EXTREME PRESSURE LUBRICANT PRODUCT NO. 82309	38	38	3	124 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (8%) 804 PLUMBER; PIPE FTR; MILLWRT (20%)			619 WELDER (12%)		005 SURFACE SHOP (4%) 009 SURFACE MISC (5%) 010 SURFACE MILL (1%)
CHESTERTON BLUE LAYOUT FLUID # 83402 (AEROSOL)	7	7	1	8 LBS.	
(5) OCCUPATIONS					
660 MACHINIST (67%)			804 PLUMBER; PIPE FTR; MILLWRT (2%)		005 SURFACE SHOP (2%) 009 SURFACE MISC (1%)
CHESTERTON ELECTRO CONTACT CLEANER PRODUCT NO. 82501 (AEROSOL)	43	43	3	25 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (38%)			616 LABORER; BULLGANG (12%)		009 SURFACE MISC (8%)

TABLE 4, PAGE 2 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
CHESTERTON MOLY GREASE NR. 613 (AEROSOL)	2	2	<1	12 LBS.	009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
618 GREASER; OILER (8%)					
CHESTERTON SPRASOLVO PENETRATI NG OIL #81308 (AEROSOL)	39	39	3	20 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
602 ELECTRICIAN (38%)				804 PLUMBER; PIPE FTR; MILLWRT (2%)	009 SURFACE MISC (8%)
CHESTERTON TAPPING COMPOUND BR EAK-FREE TAPPING	34	34	3	30 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
604 MECHANIC (43%)					005 SURFACE SHOP (14%)
A.W. CHESTERTON CO.					
CHESTERTON NR. 387 TAPPING COO LANT BREAK-FREE TAPPING PRODUCT NO. 85110	158	158	12	95 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
602 ELECTRICIAN (38%)				604 MECHANIC (8%)	

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 3 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
CHESTERTON NR. 387 TAPPING COO LANT BREAK-FREE TAPPING PRODUCT NO. 85110 (CONTINUED)	158	158	12	95 GALS.	
(5) OCCUPATIONS					
619 WELDER (12%)			660 MACHINIST (67%)		005 SURFACE SHOP (13%)
804 PLUMBER; PIPE FTR; MILLWRT (77%)					009 SURFACE MISC (22%)
					010 SURFACE MILL (8%)

ADHESIVE, COATINGS AND SEALERS DIVISION/3M

SCOTCH-GRIP 1357 CONTACT CEMEN 1 1 <1 7 GALS.

(5)
OCCUPATIONS

616 LABORER; BULLGANG (2%)

(6)
LOCATIONS
005 SURFACE SHOP (<1%)

SUPER WEATHERSTRIP ADHESIVE NO 35 35 3 8 GALS.
. 08001

(5)
OCCUPATIONS

604 MECHANIC (43%)

616 LABORER; BULLGANG (2%)

(6)
LOCATIONS
005 SURFACE SHOP (15%)

TABLE 4, PAGE 4 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME, BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
ADHESIVES, COATINGS AND SEALERS DIVISION/3M					
3M SCOTCH-GRIP 1357 CONTACT CE MENT 34-7012-7032-3	8	8	1	12 GALS.	005 SURFACE SHOP (3%)
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)					
3M SCOTCH-GRIP 1357 HIGH PERFO RMANCE CONTACT ADHESIVE 3M I.D. NO. 62-1357-6530-3	62	62	5	27 GALS.	010 SURFACE MILL (17%) 009 SURFACE MISC (5%)
(5) OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (42%)				879 BAGGING OR PACKING WRKR (9%)	

AGRANDI LTD.

FULL STRENGTH PERMANENT ANTI-F REEZE AND SUMMER COOLANT ETHYLENE GLYCOL TYPE	23	23	2	385 GALS.	002 UNDERGROUND SHOP (88%)
(5) OCCUPATIONS					
604 MECHANIC (28%)				618 GREASER; OILER (4%)	

TABLE 4, PAGE 5 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
PERMANENT ANTIFREEZE AND SUMME R COOLANT ETHYLENE GLYCOL TYPE	10	10	1	825 GALS.	
OCCUPATIONS					
604 MECHANIC (10%)					005 SURFACE SHOP (4%)
619 WELDER (4%)					

AIRCO INC.

EASY-ARC 7018MR E7018	7	7	1	950 LBS.	
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (5%)					005 SURFACE SHOP (3%)

AIRCO, INC.

AIRCO 6011 MILD STEEL ELECTROD ES	4	4	<1	45 LBS.	
OCCUPATIONS					
619 WELDER (15%)					005 SURFACE SHOP (2%)

EASY-ARC 7018 MR

OCCUPATIONS	31	31	2	2,725 LBS.	
385 LAMPMAN (100%)					416 SALVAGE CREW (67%)

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 6 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
EASY-ARC 7018 MR (CONTINUED)	31	31	2	2,725 LBS.
(5) OCCUPATIONS				
604 MECHANIC (28%)			619 WELDER (15%)	
660 MACHINIST (33%)				
(6) LOCATIONS				
				002 UNDERGROUND SHOP (85%)
				005 SURFACE SHOP (4%)

ALLIED COLLOIDS, INC.

PERCOL 352	7	7	1	63,600 LBS.
(5) OCCUPATIONS				
456 ENGINEER; TECHNICAL SERVICES (11%)			514 LABORATORY TECHNICIAN (3%)	
679 FLOTATION/CONCTR OPTR (8%)				
(6) LOCATIONS				
				009 SURFACE MISC (1%)
				010 SURFACE MILL (2%)

ALLOY RODS DIVISION / CHEMETRON CORP.

TYPE 88 SPOOLARC MILD STEEL	1	1	<1	120 LBS.
(5) OCCUPATIONS				
619 WELDER (4%)				
(6) LOCATIONS				
				005 SURFACE SHOP (<1%)

ALLOY RODS DIVISION, CHEMETRON CORPORATION

ARC ATOM ARC TYPE 7018	4	4	<1	400 LBS.
(5) OCCUPATIONS				
804 PLUMBER; PIPE FTR; MILLWRT (3%)				
(6) LOCATIONS				
				009 SURFACE MISC (<1%)
				010 SURFACE MILL (1%)

TABLE 4, PAGE 7 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
AMERICAN CYANAMID CO.					
AERO PROMOTER 801 R	13	13	1	11,000 LBS.	010 SURFACE MILL (7%)
OCCUPATIONS					
602 ELECTRICIAN (1%)		649 ADMN, SUPERVISORY, MGT PERSNL (3%)			
679 FLOTATION/CONCTR OPTR (22%)					
AERO PROMOTER 825	13	13	1	31,020 LBS.	
OCCUPATIONS					
602 ELECTRICIAN (1%)		649 ADMN, SUPERVISORY, MGT PERSNL (3%)			010 SURFACE MILL (7%)
679 FLOTATION/CONCTR OPTR (22%)					
CYANAMID SPO-1128 FLOCCULANT	54	54	4	12,760 LBS.	
OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (11%)		514 LABORATORY TECHNICIAN (8%)			009 SURFACE MISC (1%)
579 SLURRY, MIXING OR PUMPING WRKR (24%)		588 SIZING AND WASHING OPNS WRKR (100%)			005 SURFACE SHOP (2%)
613 CLEANUP MAN (15%)		618 GREASER; OILER (8%)			010 SURFACE MILL (21%)
649 ADMN, SUPERVISORY, MGT PERSNL (3%)		679 FLOTATION/CONCTR OPTR (32%)			
804 PLUMBER; PIPE FTR; MILLWRT (11%)					
SUPERFLOC 1202 FLOCCULANT	13	13	1	1,800 LBS.	
OCCUPATIONS					
602 ELECTRICIAN (1%)		649 ADMN, SUPERVISORY, MGT PERSNL (3%)			

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 8 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME, BORON MINERALS				
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
SUPERFLOC 1202 FLOCCULANT (CONTINUED)	13	13	1	1,800 LBS.
(5) OCCUPATIONS				
679 FLOTATION/CONCTR OPTR (22%)				
(6) LOCATIONS				
010 SURFACE MILL (7%)				
S3425 SUPER FLOCCULANT	13	13	1	10,600 LBS.
(5) OCCUPATIONS				
602 ELECTRICIAN (1%)		649		
679 FLOTATION/CONCTR OPTR (22%)				
(6) LOCATIONS				
010 SURFACE MILL (7%)				
S5124 REAGENT	13	13	1	67,333 GALS.
(5) OCCUPATIONS				
602 ELECTRICIAN (1%)		649		
679 FLOTATION/CONCTR OPTR (22%)				
(6) LOCATIONS				
010 SURFACE MILL (7%)				
AMERICAN SCIENTIFIC PRODUCTS DIVISION OF AMERICAN SUPPLY CORPORATION				
SP CAT. S7385-20 CALCIUM STAND ARD 1000 PPM CA	1	1	<1	1 GALS.
(5) OCCUPATIONS				
514 LABORATORY TECHNICIAN (2%)				
(6) LOCATIONS				
009 SURFACE MISC (<1%)				

TABLE 4, PAGE 9 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
AMERICAN SCIENTIFIC PRODUCTS DIVISION OF AMERICAN HOSPITAL SUPPLY CORPORATION					
S/P H7590-7 PH REFERENCE BUFFE R SOLUTION	3	3	<1	1 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					
ANDERSON LABORATORIES, INC.					
SODIUM HYDROXIDE N/20	11	11	1	585 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (17%)					009 SURFACE MISC (2%)
ANSUL FIRE PROTECTION					
ANSUL FORAY PART NO. 53080	2	2	<1	95 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
649 ADMN, SUPERVISORY, MGT PERSNL (1%)					009 SURFACE MISC (<1%)
ANSUL PLUS-FIFTY B DRY CHEMICAL	2	2	<1	900 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
649 ADMN, SUPERVISORY, MGT PERSNL (1%)					009 SURFACE MISC (<1%)

TABLE 4, PAGE 10 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS				
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
ARCAIR				
ARCAIR ELECTRODES CAT NO. 35 0 33 003	18	18	1	120 LBS.
(5) OCCUPATIONS				
619 WELDER (69%)				
ARCAIR PROTEX-SPRAY ANTI-SPLAT TER #57-021-102 (AEROSOL)	6	6	<1	40 LBS.
(5) OCCUPATIONS				
619 WELDER (12%)				
ARM & HAMMER DIV OF CHURCH & DWIGHT CO. INC.				
PURE BAKING SODA	10	10	1	25 LBS.
(5) OCCUPATIONS				
604 MECHANIC (8%)				
619 WELDER (15%)				
(6) LOCATIONS				
005 SURFACE SHOP (4%)				
(6) LOCATIONS				
004 SURFACE MINE (12%)				
005 SURFACE SHOP (2%)				

TABLE 4, PAGE 11 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
ARMITE LABORATORIES					
LED-PLATE ANTI-SIEZE COMPOUND NO. 250	54	54	4	17 LBS.	
(5) OCCUPATIONS					
618 GREASER; OILER (8%)		804 PLUMBER; PIPE FTR; MILLWRT (37%)			010 SURFACE MILL (1%) 005 SURFACE SHOP (7%) 009 SURFACE MISC (7%)
ARMSTRONG WORLD INDUSTRIES, INC.					
ARMSTRONG 520 ADHESIVE	6	6	<1	3 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (32%)					009 SURFACE MISC (1%)
ARTHUR H. THOMAS COMPANY					
ASCARITE II CATALOG NO. C049-H 40 APPROX. 8 TO 20 MESH	10	10	1	22 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (15%)					009 SURFACE MISC (2%)

TABLE 4, PAGE 12 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)			(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)		(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)		(4) PREDICTED ANNUAL USAGE	
	11	11	11	11	11	1	1	1	LBS.
THOMAS LUBRISAL IMPROVED FORM ULA NO. 8690-B10									
(5) OCCUPATIONS									
514 LABORATORY TECHNICIAN (17%)									
(6) LOCATIONS									
009 SURFACE MISC (2%)									

ASHLAND OIL, INC.

NAPA AUTOMATIC TRANSMISSION FL UID	10	10	10	1	1			39	GALS.
(5) OCCUPATIONS									
604 MECHANIC (10%) 619 WELDER (4%)									
616 LABORER; BULLGANG (2%)									
(6) LOCATIONS									
005 SURFACE SHOP (4%)									

NAPA MOTOR OIL SAE 30 HD DETER
GENT NO. 75-110

	12	12	12	1	1			157	GALS.
(5) OCCUPATIONS									
604 MECHANIC (10%) 618 GREASER; OILER (8%)									
616 LABORER; BULLGANG (2%) 619 WELDER (4%)									
(6) LOCATIONS									
005 SURFACE SHOP (5%)									

BALKAMP INC.

NAPA AIR TOOL LUBRICANT 765-14
00

	10	10	10	1	1			2	GALS.
(5) OCCUPATIONS									
604 MECHANIC (10%)									
616 LABORER; BULLGANG (2%)									
(6) LOCATIONS									
005 SURFACE SHOP (5%)									

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 13 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
NAPA AIR TOOL LUBRICANT 765-14 00 (CONTINUED)	10	10	1	2 GALS.

(5) OCCUPATIONS	(6) LOCATIONS
619 WELDER (4%)	005 SURFACE SHOP (4%)

RUGLYDE RUBBER LUBRICANT NAPA 765-1338	17	17	1	1 GALS.
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(5) OCCUPATIONS	(6) LOCATIONS
604 MECHANIC (10%) 619 WELDER (4%)	005 SURFACE SHOP (7%)

BAY STATE ABRASIVE / DRESSER

BLUE FLASH BF 9X1/8 A24RBF FA4 24	8	8	1	22 LBS.
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(5) OCCUPATIONS	(6) LOCATIONS
619 WELDER (4%)	005 SURFACE SHOP (3%)

BECKMAN INSTRUMENTS INC.

ALTEX KCL 4MOLOR	3	3	<1	1 GALS.
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(5) OCCUPATIONS	(6) LOCATIONS
514 LABORATORY TECHNICIAN (5%)	009 SURFACE MISC (1%)

TABLE 4, PAGE 14 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS				
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
BELZONA MOLECULAR BASE	7	7	1	6 LBS.
(5) OCCUPATIONS				
804 PLUMBER; PIPE FTR; MILLWRT (5%)				
(6) LOCATIONS				005 SURFACE SHOP (3%)
BELZONA CERAMIC CARBIDE SOLIDI FIER	1	1	<1	20 LBS.
(5) OCCUPATIONS				
604 MECHANIC (1%)				
(6) LOCATIONS				005 SURFACE SHOP (<1%)
BELZONA MOLECULAR CERAMIC CARB IDE BASE	1	1	<1	100 LBS.
(5) OCCUPATIONS				
604 MECHANIC (1%)				
(6) LOCATIONS				005 SURFACE SHOP (<1%)
BELZONA MOLECULAR UNIVERSAL CO NDITIONER SOLIDIFIER	7	7	1	6 LBS.
(5) OCCUPATIONS				
804 PLUMBER; PIPE FTR; MILLWRT (5%)				
(6) LOCATIONS				005 SURFACE SHOP (3%)

TABLE 4, PAGE 15 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS				
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
E-METAL SOLIFIDER	7	7	1	6 LBS.
(5) OCCUPATIONS				
804 PLUMBER; PIPE FTR; MILLWRT (5%)				
BERRYMAN PRODUCTS, INC.				
B-12 CHEMTOL CARBURETOR CHOKE CLEANER (AEROSOL)	6	6	<1	12 LBS.
(5) OCCUPATIONS				
604 MECHANIC (8%)				
(6) LOCATIONS				
005 SURFACE SHOP (3%)				
BETZ LABORATORIES, INC.				
BETZ INHIBITOR COOLING WATER S YSTEMS FORMULA 46	1	1	<1	55 GALS.
(5) OCCUPATIONS				
514 LABORATORY TECHNICIAN (2%)				
(6) LOCATIONS				
009 SURFACE MISC (<1%)				
BISSELL INC.				
BISSELL UPHOLSTERY SHAMP00	15	15	1	72 LBS.
(5) OCCUPATIONS				
413 JANITOR (88%)				
(6) LOCATIONS				
009 SURFACE MISC (3%)				

TABLE 4, PAGE 16 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
BISSEL UPHOLSTERY SHAMPOO (AER OSOL)	1	1	<1	10 LBS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (2%)					005 SURFACE SHOP (<1%)
BLAINE EQUIPMENT CO.					
HY-GARD TRANSMISSION AND HYDRA ULIC OIL (JOHN DEERE)	24	24	2	55 GALS.	
(5) OCCUPATIONS					
604 MECHANIC (28%)			618 GREASER; OILER (8%)		002 UNDERGROUND SHOP (88%) 009 SURFACE MISC (<1%)
BORDEN INC.					
KRYLON 1501 GLOSSY WHITE INTER IOR/EXTERIOR ENAMEL (AEROSOL)	6	6	<1	30 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (8%)					005 SURFACE SHOP (3%)

TABLE 4, PAGE 17 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
KRYLON 1813 DAISY YELLOW INTER IOR/EXTERIOR ENAMEL (AEROSOL)	4	4	<1	54 LBS.
(5) OCCUPATIONS				
619 WELDER (15%)				
(6) LOCATIONS				
005 SURFACE SHOP (2%)				

BORDEN, INC. / KRYLON DEPT

KRYLON BATTERY CLEANER (AEROSO L)1336	10	10	1	23 LBS.
(5) OCCUPATIONS				
604 MECHANIC (10%)	616 LABORER; BULLGANG (2%)			
(6) LOCATIONS				
005 SURFACE SHOP (4%)				

KRYLON BELT DRESSING (AEROSOL) 1330	10	10	1	39 LBS.
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(5) OCCUPATIONS		(6) LOCATIONS	
604 MECHANIC (10%) 619 WELDER (4%)	616 LABORER; BULLGANG (2%)	005 SURFACE SHOP (4%)	

KRYLON INTERIOR/EXTERIOR ENAME L GLOSSY BLACK 1601 (AEROSOL)	7	7	1	137 LBS.
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(5) OCCUPATIONS		(6) LOCATIONS	
804 PLUMBER; PIPE FTR; MILLWRT (5%)		005 SURFACE SHOP (3%)	

TABLE 4, PAGE 18 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
KRYLON INTERIOR/EXTERIOR ENAME L 1501 GLOSSY WHITE (AEROSOL)	9	9	1	132 LBS.	005 SURFACE SHOP (4%)
OCCUPATIONS					
602 ELECTRICIAN (2%)			804 PLUMBER; PIPE FTR; MILLWRT (5%)		
KRYLON INTERIOR/EXTERIOR ENAME L 1608 SMOKE GRAY (AEROSOL)	10	10	1	96 LBS.	
OCCUPATIONS					
602 ELECTRICIAN (3%)			804 PLUMBER; PIPE FTR; MILLWRT (5%)		010 SURFACE MILL (1%) 005 SURFACE SHOP (4%)
KRYLON 1307 BATTERY PROTECTOR (AEROSOL)	10	10	1	13 LBS.	
OCCUPATIONS					
604 MECHANIC (10%) 619 WELDER (4%)			616 LABORER; BULLGANG (2%)		005 SURFACE SHOP (4%)
KRYLON 1334 CARB, PCV VALVE & CHOKE CLEANER (AEROSOL)	10	10	1	106 LBS.	
OCCUPATIONS					
604 MECHANIC (10%)			616 LABORER; BULLGANG (2%)		

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TABLE 4, PAGE 19 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
KRYLON 1334 CARB. PCV VALVE & CHOKE CLEANER (AEROSOL) (CONTINUED)	10	10	1	106 LBS.
(5) OCCUPATIONS				
619 WELDER (4%)				
(6) LOCATIONS				
005 SURFACE SHOP (4%)				

BORDEN, INC. DEPARTMENT CP

KRYLON ALL-PURPOSE GRAY 1318 S ANDABLE SPRAY PRIMER (AEROSOL)	8	8	1	120 LBS.
(5) OCCUPATIONS				
513 BLDG REPAIR AND MAINTENANCE (42%)				
(6) LOCATIONS				
005 SURFACE SHOP (3%)				

KRYLON COLD GALVANIZING SPRAY ZINC RICH PRIMER 1350 (AEROSOL)	8	8	1	35 LBS.
(5) OCCUPATIONS				
513 BLDG REPAIR AND MAINTENANCE (42%)				
(6) LOCATIONS				
005 SURFACE SHOP (3%)				

KRYLON FLUORESCENT SPRAY PAINT GLOWING RED-ORANGE 3101 (AEROSOL)	8	8	1	50 LBS.
(5) OCCUPATIONS				
513 BLDG REPAIR AND MAINTENANCE (42%)				
(6) LOCATIONS				
005 SURFACE SHOP (3%)				

TABLE 4, PAGE 20 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
KRYLON INTERIOR/EXTERIOR ENAME L GLOSSY BLACK 1601 (AEROSOL)	8	8	1	80 LBS.
(5) OCCUPATIONS				
513 BLDG REPAIR AND MAINTENANCE (42%)				(6) LOCATIONS 005 SURFACE SHOP (3%)
KRYLON INTERIOR/EXTERIOR ENAME L GLOSSY WHITE 1501 (AEROSOL)	8	8	1	120 LBS.
(5) OCCUPATIONS				(6) LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (42%)				005 SURFACE SHOP (3%)
KRYLON INTERIOR/EXTERIOR ENAME L NO. 1502 FLAT WHITE (AEROSOL)	8	8	1	150 LBS.
(5) OCCUPATIONS				(6) LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (42%)				005 SURFACE SHOP (3%)
KRYLON INTERIOR/EXTERIOR ENAME L SMOKE GRAY 1608 (AEROSOL)	8	8	1	50 LBS.
(5) OCCUPATIONS				(6) LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (42%)				005 SURFACE SHOP (3%)

25

TABLE 4, PAGE 22 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
KRYLON INTERIOR/EXTERIOR 1804 BRIGHT YELLOW (JD YELLOW)	8	8	1	48 LBS.	005 SURFACE SHOP (3%)
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)					

KRYLON INTERIOR/EXTERIOR 2410 8 8 1 12 LBS.
POPSICLE ORANGE (AEROSOL)

OCCUPATIONS	(5)	(6) LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (42%)		005 SURFACE SHOP (3%)

BRADY INDUSTRIES INC.

BRADY DISINFECTANT DEODERANT (2 2 <1 36 LBS.
AEROSOL)

OCCUPATIONS	(5)	(6) LOCATIONS
413 JANITOR (12%)		009 SURFACE MISC (<1%)

BRADY DRAIN OPENER & MAINTAINANCE 2 2 <1 15 GALS.
R

OCCUPATIONS	(5)	(6) LOCATIONS
413 JANITOR (12%)		009 SURFACE MISC (<1%)

TABLE 4, PAGE 23 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS			
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)
BRADY EMULSION BOWL CLEANER	2	2	<1
(5) OCCUPATIONS			
413 JANITOR (12%)			
			(4) PREDICTED ANNUAL USAGE 12 GALS.
			(6) LOCATIONS
			009 SURFACE MISC (<1%)
BRADY FURNITURE POLISH SATIN W ITH LEMON OIL (AEROSOL)	2	2	<1
(5) OCCUPATIONS			
413 JANITOR (12%)			
			(6) LOCATIONS
			009 SURFACE MISC (<1%)
BRADY GLASS CLEANER	2	2	<1
(5) OCCUPATIONS			
413 JANITOR (12%)			
			(6) LOCATIONS
			009 SURFACE MISC (<1%)
BRADY MULTI-PURPOSE DISINFECTA NT CLEANER (AEROSOL) BAFEX	2	2	<1
(5) OCCUPATIONS			
413 JANITOR (12%)			
			(6) LOCATIONS
			009 SURFACE MISC (<1%)

TABLE 4, PAGE 24 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
BRADY PINE ODOR CLEANER	2	2	<1	60 GALS.	
OCCUPATIONS					
413 JANITOR (12%)					009 SURFACE MISC (<1%)

BRADY SPEARMINT ALL PURPOSE CL
EANER

(5) OCCUPATIONS	2	2	<1	102 GALS.	(6) LOCATIONS
413 JANITOR (12%)					009 SURFACE MISC (<1%)

BURRELL CONSTRUCTION & SUPPLY CO

BURRELL FIBERCRETE	4	4	<1	0 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
616 LABORER; BULLGANG (7%)					001 UNDERGROUND MINE (4%)

CATERPILLAR TRACTOR CO.

CATERPILLAR ANTI-SIEZE COMPOUND 5P3931	104	104	8	45 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
12 ELECTRICIAN (62%)					005 SURFACE SHOP (10%)

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 25 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
CATERPILLAR ANTI-SIEZE COMPOUN D 5P3931 (CONTINUED)	104	104	8	45 LBS.	
OCCUPATIONS					
618 GREASER; OILER (8%)		804	PLUMBER; PIPE FTR; MILLWRT (25%)		009 SURFACE MISC (9%) 010 SURFACE MILL (18%)
953263 THREAD LOCK	29	29	2	3 GALS.	
OCCUPATIONS					
604 MECHANIC (36%)					002 UNDERGROUND SHOP (85%) 005 SURFACE SHOP (3%)
CATERPILLER TRACTOR CO.					
5P3931 ANTI-SIEZE COMPOUND	36	36	3	72 LBS.	
OCCUPATIONS					
604 MECHANIC (43%)		616	LABORER; BULLGANG (3%)		005 SURFACE SHOP (14%) 004 SURFACE MINE (2%)
CEEL-CO					
CEEL-CO CEEL-TITE #300 ADHESIV E	6	6	<1	40 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (32%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 26 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
CELITE, INC.					
CELITE RESIN CARTRIDGE	57	57	4	42,105 LBS.	
(5) OCCUPATIONS					
048 ROOF BOLTER MOUNTED (100%)			053 UTILITY MAN (100%)		
456 ENGINEER; TECHNICAL SERVICES (6%)					001 UNDERGROUND MINE (51%)
CHEM-CAL CO.					
BUST-IT PENETRATING LUBRICANT (AEROSOL)	23	23	2	100 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (24%)					005 SURFACE SHOP (3%) 009 SURFACE MISC (4%)
CHEMCENTRAL					
UM & P66 PETROLEUM NAPHTHA SOLV ENT	2	2	<1	55 GALS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (3%)					009 SURFACE MISC (<1%)

TABLE 4, PAGE 27 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS					
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
CHEMTRONICS INC.					
CHEMOLOY 60/40 ROSIN CORE	2	2	<1	2 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (2%)					005 SURFACE SHOP (1%)
CHEMTRONIC 70 PST (AEROSOL)	2	2	<1	12 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (2%)					005 SURFACE SHOP (1%)
CHEMTRONICS ELECTRO WASH C240 (AEROSOL)	25	25	2	48 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (26%)					005 SURFACE SHOP (1%) 009 SURFACE MISC (4%)
CHEMTRONICS FLUX-OFF C 2490 (A EROSOL)	25	25	2	48 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (26%)					005 SURFACE SHOP (1%) 009 SURFACE MISC (4%)

TABLE 4, PAGE 28 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
CHEMTRONICS FREON TF C2480 (AE ROSOL)	25	25	2	48 LBS.	005 SURFACE SHOP (1%) 009 SURFACE MISC (4%)
(5) OCCUPATIONS					
602 ELECTRICIAN (26%)					

CHEVRON U.S.A.

DIESEL FUEL #2	47	47	3	575,845 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
368 BULLDOZER OPTR (50%)		379 DRYER OPTR; KILN OPTR (27%)			005 SURFACE SHOP (6%)
602 ELECTRICIAN (1%)		604 MECHANIC (10%)			009 SURFACE MISC (1%)
613 CLEANUP MAN (26%)		616 LABORER; BULLGANG (2%)			010 SURFACE MILL (12%)
618 GREASER; OILER (8%)		619 WELDER (4%)			006 SURFACE CRUSHING (100%)
649 ADMN. SUPERVISORY, MGT PERSNL (4%)		674 WAREHOUSEMAN; SUPPLY HANDLER (13%)			
679 FLOTATION/CONCTR OPTR (22%)		782 FRONT-END LOADER OPTR (44%)			

FUEL OIL #6	4	4	<1	328,870 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
379 DRYER OPTR; KILN OPTR (27%)					010 SURFACE MILL (2%)

TABLE 4, PAGE 29 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
REGULAR UNLEADED GASOLINE	25	25	2	44,575 GALS.	010 SURFACE MILL (4%) 005 SURFACE SHOP (6%) 009 SURFACE MISC (1%)
(5) OCCUPATIONS					
604 MECHANIC (10%)			613 CLEANUP MAN (26%)		
616 LABORER; BULLGANG (2%)			619 WELDER (4%)		
649 ADMN, SUPERVISORY, MGT PERSNL (3%)			674 WAREHOUSEMAN; SUPPLY HANDLER (13%)		

CHEVRON U.S.A., INC.

COHEREX 105 105 8 60,000 GALS.

(5) OCCUPATIONS	(6) LOCATIONS
034 DIAMOND DRILL OPTR (100%)	002 UNDERGROUND SHOP (88%)
053 UTILITY MAN (100%)	001 UNDERGROUND MINE (63%)
604 MECHANIC (28%)	009 SURFACE MISC (2%)
616 LABORER; BULLGANG (7%)	
623 SURVEYOR; TRANSIT MAN (60%)	
048 ROOF BOLTER MOUNTED (100%)	
456 ENGINEER; TECHNICAL SERVICES (6%)	
614 SAMPLER; DUST SAMPLER (29%)	
618 GREASER; OILER (4%)	
649 ADMN, SUPERVISORY, MGT PERSNL (8%)	

CLAYTON MANUFACTURING CO.

PH-1A 1 1 <1 400 LBS.

(5) OCCUPATIONS	(6) LOCATIONS
616 LABORER; BULLGANG (2%)	009 SURFACE MISC (<1%)

TABLE 4, PAGE 30 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
COAST FUSE					
PRIMEX DETONATING CORD 20 GRAIN	6	6	<1	3,830 LBS.	
OCCUPATIONS					
079 CRUSHER OPTR (33%)					004 SURFACE MINE (3%)
807 POWDER GANG; BLASTER (100%)		616	LABORER; BULLGANG (2%)		009 SURFACE MISC (<1%)

COLGATE-PALMOLIVE CO.

AJAX INSTITUTIONAL SCOURING CR EAME	2	2	<1	70 LBS.	
OCCUPATIONS					
413 JANITOR (12%)					009 SURFACE MISC (<1%)

AJAX THE FOAMING CLEANSER

	2	2	<1	40 LBS.	
OCCUPATIONS					
413 JANITOR (12%)					009 SURFACE MISC (<1%)

AJAX WITH CHLORINE BLEACH

	10	10	1	142 LBS.	
OCCUPATIONS					
604 MECHANIC (10%)					009 SURFACE MISC (<1%)

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 31 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
AJAX WITH CHLORINE BLEACH (CONTINUED)	10	10	1	142 LBS.	005 SURFACE SHOP (4%)
OCCUPATIONS					
619 WELDER (4%)					
AJAX WITH OXYGEN BLEACH THE FO AMING CLEANSER	15	15	1	314 LBS.	
OCCUPATIONS					
413 JANITOR (88%)					009 SURFACE MISC (3%)
CONSUMER PRODUCT DIVISION					
KRYLON BATTERY PROTECTOR (AERO SOL) # 1307	30	30	2	22 LBS.	
OCCUPATIONS					
385 LAMPMAN (100%)			604 MECHANIC (36%)		002 UNDERGROUND SHOP (85%) 005 SURFACE SHOP (3%)
KRYLON BELT DRESSING (AEROSOL) #1330	24	24	2	120 LBS.	
OCCUPATIONS					
604 MECHANIC (28%)			618 GREASER; OILER (8%)		002 UNDERGROUND SHOP (88%) 009 SURFACE MISC (<1%)

TABLE 4, PAGE 32 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
KRYLON ENGINE COLOR 1909 FORD BLUE (AEROSOL)	2	2	<1	720 LBS.	001 UNDERGROUND MINE (1%) 009 SURFACE MISC (<1%)
OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (6%)				513 BLDG REPAIR AND MAINTENANCE (5%)	
KRYLON FLAT WHITE 1502 INTERIO R/EXTERIOR ENAMEL (AEROSOL)	1	1	<1	45 LBS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (5%)					009 SURFACE MISC (<1%)
KRYLON INDUSTRIAL SILICONE SPR AY (AEROSOL)	45	45	3	68 LBS.	
OCCUPATIONS					
385 LAMPMAN (100%)				602 ELECTRICIAN (11%)	001 UNDERGROUND MINE (9%) 002 UNDERGROUND SHOP (96%) 005 SURFACE SHOP (3%) 009 SURFACE MISC (<1%)
604 MECHANIC (40%)				616 LABORER; BULLGANG (3%)	
KRYLON 1501 GLOSSY WHITE INTER IOR/EXTERIOR ENAMEL (AEROSOL)	1	1	<1	81 LBS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (5%)					009 SURFACE MISC (<1%)

TABLE 4, PAGE 33 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
KRYLON 1602 ULTRA-FLAT BLACK I NTERIOR/EXTERIOR ENAMEL (AEROSOL)	1	1	<1	45 LBS.

(5)

OCCUPATIONS

513 BLDG REPAIR AND MAINTENANCE (5%)

(6)
LOCATIONS

009 SURFACE MISC (<1%)

KRYLON 1803 MARIGOLD YELLOW IN TERIOR/EXTERIOR ENAMEL	3	3	<1	855 LBS.
--	---	---	----	----------

(5)

OCCUPATIONS

416 SALVAGE CREW (67%)

513 BLDG REPAIR AND MAINTENANCE (5%)

(6)
LOCATIONS

005 SURFACE SHOP (1%)
009 SURFACE MISC (<1%)

KRYLON 2108 BANNER RED INTERIO R/EXTERIOR ENAMEL (AEROSOL)	1	1	<1	43 LBS.
---	---	---	----	---------

(5)

OCCUPATIONS

513 BLDG REPAIR AND MAINTENANCE (5%)

(6)
LOCATIONS

009 SURFACE MISC (<1%)

KRYLON 2410 POPSICLE ORANGE IN TERIOR/EXTERIOR ENAMEL	2	2	<1	77 LBS.
--	---	---	----	---------

(5)

OCCUPATIONS

456 ENGINEER; TECHNICAL SERVICES (6%) 513 BLDG REPAIR AND MAINTENANCE (5%)

(6)
LOCATIONS

001 UNDERGROUND MINE (1%)
009 SURFACE MISC (<1%)

TABLE 4, PAGE 34 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
KRYLON 3101 GLOWING RED ORANGE FLUORESCENT SPRAY PAINT (AEROSOL)	6	6	<1	1,020 LBS.	001 UNDERGROUND MINE (5%)
OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (6%) 763 SHAFT REPAIRER (100%)		623	SURVEYOR; TRANSIT MAN (60%)		001 UNDERGROUND MINE (1%)
KRYLON 3106 GLOWING GREEN FLUO RESCENT SPRAY PAINT	1	1	<1	15,675 LBS.	
OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (6%)					
CORNING MEDICAL / CORNING GLASS WORKS					
477000 CAT. NO. SATURATED KCL SOLUTION	8	8	1	1 GALS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (12%)					009 SURFACE MISC (2%)
CORNING SCIENTIFIC INSTRUMENTS					
CORNING BIOMEDICAL INSTRUMENTS SATURATED KCL SOLUTION CAT. NO: 477000	1	1	<1	1 GALS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (2%)					009 SURFACE MISC (<1%)

TABLE 4, PAGE 35 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
CORNING SCIENTIFIC INSTRUMENTS 4MOLAR KCL SAT'D. WITH AGCL CAT. NO: 477004	1	1	<1	1 GALS.	009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (2%)					

CRC CHEMICAL USA

CRC HEAVY DUTY DEGREASER NO. 0 3095 (AEROSOL)	1	1	<1	80 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (1%)					

CRC CHEMICALS USA

CRC LECTRA CLEAN NO. 02021	40	40	3	165 GALS.	
					(6)
					LOCATIONS

					(5)
					OCCUPATIONS

385 LAMPMAN (100%)				602 ELECTRICIAN (11%)	002 UNDERGROUND SHOP (85%)
604 MECHANIC (28%)				619 WELDER (15%)	005 SURFACE SHOP (2%)
921 HOIST OPTR (33%)				930 SKIP TENDER (100%)	009 SURFACE MISC (<1%)
					001 UNDERGROUND MINE (10%)

TABLE 4, PAGE 36 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
CROWN INDUSTRIAL PRODUCTS					
7020 CUTTING OIL (AEROSOL)	11	11	1	205 LBS.	009 SURFACE MISC (<1%) 005 SURFACE SHOP (4%)
(5) OCCUPATIONS					
604 MECHANIC (9%)			616 LABORER; BULLGANG (3%)		
660 MACHINIST (33%)					

D & M WELDING SUPPLY

OKS GRINDFAST A24R 4"	2	2	<1	12 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (1%)					009 SURFACE MISC (<1%)

D.P LUBRICANT CO.

D-A ROCK DRILL 500	64	64	5	10,738 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
034 DIAMOND DRILL OPTR (100%)			048 ROOF BOLTER MOUNTED (100%)		001 UNDERGROUND MINE (55%)
053 UTILITY MAN (100%)			456 ENGINEER; TECHNICAL SERVICES (6%)		002 UNDERGROUND SHOP (12%)
604 MECHANIC (4%)					

TABLE 4, PAGE 37 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
DAYTON ELECTRIC MFG CO.					
DEM-KOTE INDUSTRIAL SPRAY 4X59	11	11	1	8 LBS.	
2-A GREEN EPOXY INSULATING VARNISH(AEROSOL)					
OCCUPATIONS					
385 LAMPMAN (100%)			602 ELECTRICIAN (11%)		005 SURFACE SHOP (<1%) 001 UNDERGROUND MINE (9%)

DECRATREND CORP.

DECRATRIM SANDALWOOD 12-811	1	1	<1	30 GALS.	(6) LOCATIONS
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (5%)					009 SURFACE MISC (<1%)

DEVCON CORP.

FLEXANE 94 PUTTY NO. 15270	7	7	1	11 LBS.	(6) LOCATIONS
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (5%)					005 SURFACE SHOP (3%)

TABLE 4, PAGE 38 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME, BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
DEVCON CORPS.					
DEVCON PLASTIC STEEL PUTTY (A) STOCK NO. 10120	1	1	<1	124 LBS.	005 SURFACE SHOP (<1%)
OCCUPATIONS					
604 MECHANIC (1%)					

DIAGRAPH-BRADLEY INDUSTRIES, INC.

DIAGRAPH BLOCK-OUT INK	2	2	<1	12 GALS.	009 SURFACE MISC (<1%)
OCCUPATIONS					
616 LABORER; BULLGANG (3%)					

DIAGRAPH R-2 ROLLER SYSTEM STE NCIL INK RED	2	2	<1	18 GALS.	
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OCCUPATIONS					
616 LABORER; BULLGANG (3%)					

DIAMOND PRODUCTS CO.

TIRE SEAL TC30-5	2	2	<1	24 GALS.	005 SURFACE SHOP (1%)
OCCUPATIONS					
616 LABORER; BULLGANG (3%)					

TABLE 4, PAGE 39 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
DIAMOND SHAMROCK CHEMICALS CO.					
NKA NOPCO-NKA ETHYLENE GLYCOL ESTER OF TALL OIL	48	48	4	139,200 LBS.	010 SURFACE MILL (24%)
OCCUPATIONS					
379 DRYER OPTR; KILN OPTR (53%)				616 LABORER; BULLGANG (5%)	
618 GREASER; OILER (8%)				649 ADMN, SUPERVISORY, MGT PERSNL (6%)	
679 FLOTATION/CONCTR OPTR (22%)				804 PLUMBER; PIPE FTR; MILLWRT (13%)	

DIANA INDUSTRIES INTL.

E.P. 680 INDUSTRIAL CLEANER	15	15	1	110 GALS.	
OCCUPATIONS					
413 JANITOR (88%)					009 SURFACE MISC (3%)

DOW CORNING CORPORATION

DOW CORNING HIGH VACUUM GREASE	5	5	<1	4 LBS.	
OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (11%)				514 LABORATORY TECHNICIAN (3%)	
649 ADMN, SUPERVISORY, MGT PERSNL (1%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 40 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
DOW CORNING 111 COMPOUND HEAVY CONSISTENCY SILICONE LUBRICANT (FORMERLY MOLYKOTE 111 COMPOUND)	23	23	2	20 LBS.
(5) OCCUPATIONS				
602 ELECTRICIAN (24%)				
				(6) LOCATIONS
				005 SURFACE SHOP (10%)

DUBOIS CHEMICALS / A DIVISION OF CHEMED CORP.

RAD-AZE LIQUID GENERAL CLEANER NO. 03838	10	10	1	275 GALS.
(5) OCCUPATIONS				
604 MECHANIC (10%) 619 WELDER (4%)				
				(6) LOCATIONS
				005 SURFACE SHOP (4%)

DUNN-EDWARDS CORP.

VIN-L-TEX RD 47586 IMPERIAL BR ONZE	4	4	<1	300 GALS.
(5) OCCUPATIONS				
513 BLDG REPAIR AND MAINTENANCE (21%)				
				(6) LOCATIONS
				009 SURFACE MISC (1%)

DYKEM CO.

DYKEM HI-SPOT BLUE NO. 107	8	8	1	1 GALS.
(5) OCCUPATIONS				
604 MECHANIC (5%)				
				(6) LOCATIONS
				005 SURFACE SHOP (3%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
DYKEN CO.					
DYKEN SPRAY STEEL BLUE SP-1100 LAYOUT FLUID (AEROSOL)	7	7	1	3 LBS.	
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (5%)					005 SURFACE SHOP (3%)
E. I. DU PONT DE NEMOURS & CO. (INC) / "FREON" PRODUCTS DIV					
DUPONT FREON 12 WITH DYTEL RED LEAK DETECTIVE	10	10	1	390 LBS.	
OCCUPATIONS					
604 MECHANIC (10%) 619 WELDER (4%)			616 LABORER; BULLGANG (2%)		005 SURFACE SHOP (4%)
E.I. DU PONT DE NEMOURS & CO. (INC.)					
DU PONT CAR WASH 1634N	1	1	<1	32 LBS.	
OCCUPATIONS					
616 LABORER; BULLGANG (2%)					005 SURFACE SHOP (<1%)

TABLE 4, PAGE 42 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
PRO-TEK PROTECTIVE HAND CREAM	6	6	<1	22 LBS.	005 SURFACE SHOP (3%)
(5) OCCUPATIONS					
604 MECHANIC (8%)					
WINDSHIELD WASHER CONCENTRATE	1	1	<1	27 GALS.	
(5) OCCUPATIONS					(6) LOCATIONS
616 LABORER; BULLGANG (2%)					005 SURFACE SHOP (<1%)
E.I. DU PONT DE NEMOURS & CO. (INC.); PETROCHEMICALS DEPT'S "FREON" PRODUCTS DIV.					
DUPONT FREON 22 UN-1018	7	7	1	625 LBS.	
(5) OCCUPATIONS					(6) LOCATIONS
616 LABORER; BULLGANG (12%)					009 SURFACE MISC (1%)
E.I. DU PONT DE NEMOURS & CO. (INC)/"FREON" PRODUCTS DIVISION					
DU PONT FREON 12	34	34	3	990 LBS.	
(5) OCCUPATIONS					(6) LOCATIONS
604 MECHANIC (43%)					005 SURFACE SHOP (14%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
E.I. DUPONT DE NEMOURS & CO. (INC.) FREON PRODUCTS DIVISION					
DUPONT FREON 12 DICHLORODIFLUO ROMETHANE REFRIGERANT	7	7	1	2,065 LBS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (12%)					009 SURFACE MISC (1%)

E.I. DUPONT DE NEMOURS & CO.(INC.) CHEMICALS AND PIGMENTS DEPT.

DUPONT GLACIAL ACETIC ACID REA GENT	2	2	<1	60 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (3%)					009 SURFACE MISC (<1%)

EAGLE-PICHER INDUSTRIES, INC.

CELATOM FW-6	3	3	<1	216,000 LBS.	
(5) OCCUPATIONS					
579 SLURRY, MIXING OR PUMPING WRKR (18%)					010 SURFACE MILL (2%)

TABLE 4, PAGE 44 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
EASTMAN ORGANIC CHEMICALS DISTILLATION PRODUCTS INDUSTRIES					
EASTMAN ORGANIC CHEMICALS 6748	2	2	<1	1 LBS.	
O-(2HYDROXY-3,6-DISULFO-1-NAPHTHYLAZO)BENZENEARSONIC ACID DISODIUM SALT					
OCCUPATIONS					
514 LABORATORY TECHNICIAN (3%)					009 SURFACE MISC (<1%)

EM SCIENCE / A DIVISION OF EM INDUSTRIES, INC.

LX0306-1 LITHIUM STANDARD	3	3	<1	1 GALS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)

ENSIGN BICKFORD CO.

PRIMACORD 40 GRAIN	4	4	<1	128 LBS.	
OCCUPATIONS					
616 LABORER; BULLGANG (2%)					004 SURFACE MINE (2%)
					009 SURFACE MISC (<1%)

TABLE 4, PAGE 45 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
ESSEX CHEMICAL CORP.; SPECIALTY DIV.					
WEBTEX 200 ACOUSTICAL ADHESIVE	8	8	1	10 GALS.	005 SURFACE SHOP (3%)
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)					

EUTECTIC CORP.

METACERAM 21022	1	1	<1	9 LBS.	005 SURFACE SHOP (<1%)
OCCUPATIONS					
660 MACHINIST (17%)					

METACERAM 29077	1	1	<1	120 LBS.	005 SURFACE SHOP (<1%)
OCCUPATIONS					
660 MACHINIST (17%)					

XUPER 680 CGS	55	55	4	240 LBS.	005 SURFACE SHOP (1%) 009 SURFACE MISC (3%) 010 SURFACE MILL (17%)
OCCUPATIONS					
619 WELDER (12%)					
804 PLUMBER; PIPE FTR; MILLMRT (37%)					

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
EXCEL-MINERAL CO. INC.					
QUICK SORB OIL AND WATER ABSORBENT	41	41	3	40,500 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (43%)			618 GREASER; OILER (13%)		
619 WELDER (15%)					005 SURFACE SHOP (17%)
EXCEL-MINERAL CO., INC.					
QUICK SORB 01017 OIL AND WATER ABSORBENT	1	1	<1	8,800 LBS.	
(5) OCCUPATIONS					
618 GREASER; OILER (4%)					009 SURFACE MISC (<1%)
EXCEL-MINERAL CO., INC.					
QUICK SORB	17	17	1	1,350 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (10%)			616 LABORER; BULLGANG (2%)		
619 WELDER (4%)			804 PLUMBER; PIPE FTR; MILLWRT (5%)		005 SURFACE SHOP (7%)

TABLE 4, PAGE 47 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
FEL-PRO INC.					
FEL-POXY	10	10	1	15 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (11%)					001 UNDERGROUND MINE (9%)

HI-TEMP NICKEL-EASE ANTI-SEIZE
LUBRICANT PART NO. 51285

(5) OCCUPATIONS	7	7	1	8 LBS.	(6) LOCATIONS
804 PLUMBER; PIPE FTR; MILLWRT (5%)					005 SURFACE SHOP (3%)

FINTKOTE LIME CO.

LIME TYPE S	1	1	<1	1,000 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (5%)					009 SURFACE MISC (<1%)

FISHER SCIENTIFIC CO. / CHEMICAL MANUFACTURING DIVISION

A-228 PERCHLORIC ACID, 60%	3	3	<1	7 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 48 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
SO-C-191 CALCIUM	3	3	<1	1 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					
SO-I-124 IRON	3	3	<1	1 GALS.	
(5) OCCUPATIONS					(6) LOCATIONS
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)
SO-M-51 MAGNESIUM	3	3	<1	1 GALS.	
(5) OCCUPATIONS					(6) LOCATIONS
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)
SO-S-139 SODIUM	3	3	<1	1 GALS.	
(5) OCCUPATIONS					(6) LOCATIONS
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
SO-S-459 STRONTIUM	3	3	<1	1 GALS.	009 SURFACE MISC (1%)
OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					

FISHER SCIENTIFIC COMPANY MANUFACTURING CHEMISTS

B-34 CERTIFIED A.C.S. BARIUM CHLORIDE (CRYSTAL)	23	23	2	16 LBS.	(6) LOCATIONS
OCCUPATIONS					009 SURFACE MISC (4%)
514 LABORATORY TECHNICIAN (35%)					

CERTIFIED A.C.S. G-33 GLYCERIN 2 2 <1 5 GALS.

OCCUPATIONS	(5)	(6) LOCATIONS
649 ADMN, SUPERVISORY, MGT PERSONL (1%)		009 SURFACE MISC (<1%)

CERTIFIED A.C.S. HYDROGEN PERO 2 2 <1 7 GALS.

OCCUPATIONS	(5)	(6) LOCATIONS
514 LABORATORY TECHNICIAN (3%)		009 SURFACE MISC (<1%)

TABLE 4, PAGE 50 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
CERTIFIED A.C.S. PYRIDINE P-3 68	2	2	<1	6 GALS.	009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (3%)					
CERTIFIED A.C.S. 2-PROPANOL A- 416	3	3	<1	60 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					
REAGENT A.C.S. A-144 C HYDROCH LORIC ACID	66	66	5	29 GALS.	009 SURFACE MISC (13%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (46%)				602 ELECTRICIAN (38%)	
S-271 CERTIFIED A.C.S. SODIUM CHLORIDE	17	17	1	3 LBS.	009 SURFACE MISC (3%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (26%)					

TABLE 4, PAGE 51 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
S-530 NONAQ STOPLOCK GREASE	15	15	1	1 LBS.	
(5) OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (17%)	514	LABORATORY TECHNICIAN (18%)			009 SURFACE MISC (3%)
SO-B-115 CERTIFIED BUFFER SOLU TION PH10.0	4	4	<1	7 GALS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (6%)					009 SURFACE MISC (1%)
FMC WYOMING CORP.					
FMC SESQUI SODIUM SEQUICBONATE	6	6	<1	360,000 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (9%)					009 SURFACE MISC (1%)
FULLER BROS., INC.					
TIRE LIFE TIRE SUPPORT SYSTEM	2	2	<1	48 GALS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (3%)					005 SURFACE SHOP (1%)

TABLE 4, PAGE 52 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
GAST MANUFACTURING CORPORATION					
PNEUMATIC LUBRICATING OIL S.A. E. 10 GAST PART NO. AD220	8	8	1	1 GALS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (12%)					009 SURFACE MISC (2%)

GENERAL ELECTRIC

GLYPTAL 1201-A RED INSULATING ENAMEL (AEROSOL)	10	10	1	98 LBS.	
OCCUPATIONS					
602 ELECTRICIAN (9%)					005 SURFACE SHOP (4%)

LONG-LIFE GREASE

	1	1	<1	10 LBS.	
OCCUPATIONS					
602 ELECTRICIAN (1%)					010 SURFACE MILL (1%)

GENERAL ELECTRIC CO

RTV SILICONE RUBBER ADHESIVE S EALANT	45	45	3	16 GALS.	
OCCUPATIONS					
602 ELECTRICIAN (9%)					603 ELECTRICIAN HELPER (100%)

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 53 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
RTV SILICONE RUBBER ADHESIVE S EALANT (CONTINUED)	45	45	3	16 GALS.	
(5) OCCUPATIONS					
604 MECHANIC (43%)			616 LABORER; BULLGANG (2%)		005 SURFACE SHOP (19%)

GENERAL ELECTRIC CO / SILICONE PRODUCTS DIV

SILICONE CONTRACTORS SCS 1000	19	19	1	16 GALS.	
SEALANT					
(5) OCCUPATIONS					(6) LOCATIONS
602 ELECTRICIAN (2%)			604 MECHANIC (10%)		005 SURFACE SHOP (8%)
616 LABORER; BULLGANG (2%)			619 WELDER (4%)		
804 PLUMBER; PIPE FTR; MILLWRT (5%)					

GENERAL ELECTRIC COMPANY, SILICONE PRODUCTS DIVISION

GE RTV SILICONE RUBBER ADHESIV	93	93	7	16 GALS.	
E SEALANT RTV 102 WHITE					
(5) OCCUPATIONS					(6) LOCATIONS
602 ELECTRICIAN (38%)			804 PLUMBER; PIPE FTR; MILLWRT (40%)		005 SURFACE SHOP (7%)
					009 SURFACE MISC (12%)
					010 SURFACE MILL (8%)

TABLE 4, PAGE 54 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
GEORGIA-PACIFIC					
GP BLEACH	2	2	<1	16 GALS.	
(5) OCCUPATIONS					
413 JANITOR (12%)					009 SURFACE MISC (<1%)

HAYCOCK DISTRIBUTING CO.

KEROSENE	10	10	1	1,038 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
604 MECHANIC (10%) 619 WELDER (4%)			616 LABORER; BULLGANG (2%)		005 SURFACE SHOP (4%)

HERCULES INC.

COPPER SUPERDET AL SHELL ELECT RIC BLASTING CAPS	42	42	3	300 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
053 UTILITY MAN (100%)					001 UNDERGROUND MINE (38%)
HERCODYNE 365 TAMPTITE FUME CL ASS 1 EXPLOSIVE BLASTING, TYPE A UN 0081	42	42	3	153,000 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
053 UTILITY MAN (100%)					001 UNDERGROUND MINE (38%)

TABLE 4, PAGE 55 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
HERCOMIX BLASTING AGENT	42	42	3	1,000,000 LBS.	
(5) OCCUPATIONS					
053 UTILITY MAN (100%)					001 UNDERGROUND MINE (38%)

HERCULES INCORP.

100 NO. 6 BLASTING CAPS	2	2	<1	11 LBS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (2%)				807 POWDER GANG; BLASTER (33%)	(6) LOCATIONS 009 SURFACE MISC (<1%)

HILL BROS. CHEMICAL CO.

ANHYDROUS AMMONIA	1	1	<1	425 GALS.	
(5) OCCUPATIONS					
649 ADMN, SUPERVISORY, MGT PERSONL (1%)					(6) LOCATIONS 009 SURFACE MISC (<1%)

HOBART BROTHERS CO.

718LMP E7018	151	151	11	20,895 LBS.	
(5) OCCUPATIONS					
619 WELDER (81%)				804 PLUMBER; PIPE FTR; MILLWRT (92%)	(6) LOCATIONS 004 SURFACE MINE (15%) 005 SURFACE SHOP (13%) 009 SURFACE MISC (13%) 010 SURFACE MILL (18%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
HOLT LLOYD CORP.					
LPS COLD GALVANIZE NO. 00516 (AEROSOL)	7	7	1	68 LBS.	005 SURFACE SHOP (3%)
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (5%)					
LPS ELECTRO CONTACT CLEANER (AE ROSOL)	15	15	1	305 LBS.	
OCCUPATIONS					
034 DIAMOND DRILL OPTR (100%)					001 UNDERGROUND MINE (4%)
604 MECHANIC (13%)				385 LAMPMAN (100%)	002 UNDERGROUND SHOP (12%)
					005 SURFACE SHOP (3%)
LPS ELECTRO CONTACT CLEANER (A EROSOL) #00416	37	37	3	144 LBS.	
OCCUPATIONS					
602 ELECTRICIAN (39%)					005 SURFACE SHOP (<1%)
					009 SURFACE MISC (7%)

TABLE 4, PAGE 57 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
LPS ELECTRO CONTACT CLEANER NO . 00416 (AEROSOL)	3	3	<1	36 LBS.	005 SURFACE SHOP (1%) 010 SURFACE MILL (1%)
OCCUPATIONS					
602 ELECTRICIAN (3%)					
LPS SUPER CLEANER/DEGREASER	22	22	2	145 GALS.	
OCCUPATIONS					
385 LAMPMAN (100%)			602 ELECTRICIAN (11%)		001 UNDERGROUND MINE (9%)
604 MECHANIC (9%)			619 WELDER (15%)		005 SURFACE SHOP (5%)
HOPPER					
ARGON UN 1006	6	6	<1	452 LBS.	
OCCUPATIONS					
619 WELDER (12%)			804 PLUMBER; PIPE FTR; MILLWRT (2%)		005 SURFACE SHOP (1%) 004 SURFACE MINE (3%)
NITROGEN	8	8	1	154 LBS.	
OCCUPATIONS					
619 WELDER (12%)			649 ADMN, SUPERVISORY, MGT PERSNL (1%)		005 SURFACE SHOP (1%) 009 SURFACE MISC (<1%)

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 58 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
NITROGEN (CONTINUED)	8	8	1	154 LBS.	004 SURFACE MINE (3%)
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (2%)					
SAIT BF-DS 100X6 4"X1/4" A 24 N	2	2	<1	6 LBS.	
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (1%)					009 SURFACE MISC (<1%)
HOPPER INC.					
ACETYLENE UN 1001	3	3	<1	620 LBS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)
ARGON UN 1006	1	1	<1	838 LBS.	
OCCUPATIONS					
619 WELDER (4%)					005 SURFACE SHOP (<1%)

TABLE 4, PAGE 59 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS				
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
NITROUS OXIDE U.S.P. UN1070	3	3	<1	750 LBS.
(5) OCCUPATIONS				
514 LABORATORY TECHNICIAN (5%)				
RIDGO REINFORCED MAX3820 RPM 5 7 7 1 144 LBS. /83 037736 13-5161				
(5) OCCUPATIONS				
804 PLUMBER; PIPE FTR; MILLWRT (5%)				
1/8 IN 5356 AL AA-9Y0622-E 1 1 <1 75 LBS.				
(5) OCCUPATIONS				
619 WELDER (4%)				
4043 ALLOY ER4043 SIZE 035 1 1 <1 39 LBS.				
(5) OCCUPATIONS				
619 WELDER (4%)				

(6)
LOCATIONS
009 SURFACE MISC (1%)

(6)
LOCATIONS
005 SURFACE SHOP (3%)

(6)
LOCATIONS
005 SURFACE SHOP (<1%)

(6)
LOCATIONS
005 SURFACE SHOP (<1%)

TABLE 4, PAGE 60 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
IDEAL INDUSTRIES INC.					
IDEAL YELLOW WIRE PULLING LUBR ICANT #31-351	10	10	1	12 GALS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (11%)					001 UNDERGROUND MINE (9%)
IDEAL INDUSTRIES, INC.					
IDEAL YELLOW 77 WIRE PULLING L UBRICANT CAT NO. 31-351	36	36	3	23 GALS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (38%)					009 SURFACE MISC (7%)
INDEPENT INK CO.					
INDEPENT INK #46-3 BLACK MARKI NG INK	3	3	<1	13 GALS.	
(5) OCCUPATIONS					
879 BAGGING OR PACKING WRKR (9%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 61 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
INDUSTRIAL POLYCHEMICAL SERVICE					
IPS WELD-ON PLASTIC PIPE CEMENT T 711 FOR PVC	7	7	1	3 GALS.	
(5) OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (5%)					005 SURFACE SHOP (3%)

INSTA-FOAM PRODUCTS, INC.

FP-180 B THE FROTH-PACK KIT	2	2	<1	72 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (2%)					005 SURFACE SHOP (1%)

FROTH-PAK KIT SYSTEM 15

	6	6	<1	570 LBS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (32%)					009 SURFACE MISC (1%)

INSULATING MATERIALS DEPARTMENT GENERAL ELECTRIC

GE GLYPTAL 1201-A RED INSULATING ENAMEL (AEROSOL)	36	36	3	61 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (38%)					009 SURFACE MISC (7%)

TABLE 4, PAGE 62 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
INTERSTATE WHOLESALE CO.	5	5	<1	377 LBS.
CARBONAIR GOUGING CARBONS				
(5) OCCUPATIONS				
618 GREASER; OILER (8%)		619 WELDER (12%)		
(6) LOCATIONS				
010 SURFACE MILL (1%)				
005 SURFACE SHOP (1%)				

INTERSTATE WHOLESALE SUPPLY CO.

CARBONAIR GOUGING CARBONS	18	18	1	43 LBS.
(5) OCCUPATIONS				
619 WELDER (69%)				
(6) LOCATIONS				
004 SURFACE MINE (12%)				
005 SURFACE SHOP (2%)				

J. A. SEXAUER MFG. CO., INC.

SEXAUER MULE KICK WASTE PIPE C LEANER	37	37	3	244 LBS.
(5) OCCUPATIONS				
804 PLUMBER; PIPE FTR; MILLWRT (26%)				
(6) LOCATIONS				
009 SURFACE MISC (7%)				

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
J.T. BAKER CHEMICAL CO.					
'BAKER ANALYZED' REAGENT Q473 METHYLENE BLUE L3,7-BIS(DIMETHYLAMINO)PHENAZATHIONUM CHLORIDE)	24	24	2	3 LBS.	
OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (17%)			514 LABORATORY TECHNICIAN (32%)		009 SURFACE MISC (5%)
'BAKER ANALYZED' REAGENT R086 METHYL RED, SODIUM SALT (C.I. 13020)	39	39	3	1 LBS.	
OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (17%)			514 LABORATORY TECHNICIAN (55%)		009 SURFACE MISC (8%)
'BAKER ANALYZED' REAGENT 1-021 6 MONOCHLOROACETIC ACID	3	3	<1	4 LBS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)
'BAKER ANALYZED' REAGENT 1-082 8 ANHYDRONE FOR DRYING (MAGNESIUM PERCHLORATE DESSICANT)	6	6	<1	55 LBS.	
OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (17%)			514 LABORATORY TECHNICIAN (5%)		009 SURFACE MISC (1%)

TABLE 4, PAGE 64 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
'BAKER ANALYZED' REAGENT 1-287 0 PHENOLPHTHALEIN POWDER	2	2	<1	3 LBS.	009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
616 LABORER; BULLGANG (3%)					
'BAKER ANALYZED' REAGENT 1-350 6 SODIUM BICARBONATE POWDER (SODIUM HYDROGEN CARBONATE)	6	6	<1	30 LBS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (17%)	514	514	LABORATORY TECHNICIAN (5%)		
'BAKER ANALYZED' REAGENT 1-899 3 EDTA DISODIUM SALT DIHYDRATE, CRYSTAL	6	6	<1	2 LBS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (9%)					
'BAKER ANALYZED' REAGENT 1-931 2 KARL FISCHER REAGENT SINGLE SOLUTION, STABILIZED	2	2	<1	2 GALS.	009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (3%)					

TABLE 4, PAGE 65 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
'BAKER ANALYZED' REAGENT 1954 ERIOCHROME BLACK T C.I. 14645-POWDER	1	1	<1	1 LBS.	009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (2x)					
'BAKER ANALYZED' REAGENT 2196- 1 HYDROXYLAMINE HYDROCHLORIDE CRYSTAL	2	2	<1	4 LBS.	009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (3x)					
'BAKER ANALYZED' REAGENT 2271 LEAD ACETATE GRANULAR (LEAD(11) ACETATE TRIHYDRATE)	1	1	<1	2 LBS.	009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (2x)					
'BAKER ANALYZED' REAGENT 3-968 1 SULFURIC ACID	32	32	2	20 LBS.	009 SURFACE MISC (6%)
(5) OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (6%)					
514 LABORATORY TECHNICIAN (48%)					

TABLE 4, PAGE 66 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS		(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MANUFACTURE'S NAME AND TRADENAME PRODUCTS						
'BAKER ANALYZED' REAGENT 3162- 5 POTASSIUM IODIDE GRANULAR		2	2	<1	11 LBS.	
(5) OCCUPATIONS						
514 LABORATORY TECHNICIAN (3%)						
						009 SURFACE MISC (<1%)
'BAKER ANALYZED' REAGENT 3898- 5 SODIUM SULFATE ANHYDROUS, POWDER		1	1	<1	11 LBS.	
(5) OCCUPATIONS						
514 LABORATORY TECHNICIAN (2%)						
						009 SURFACE MISC (<1%)
'BAKER ANALYZED' REAGENT 4244 ZINC, GRANULAR		1	1	<1	2 LBS.	
(5) OCCUPATIONS						
514 LABORATORY TECHNICIAN (2%)						
						009 SURFACE MISC (<1%)
'BAKER ANALYZED' REAGENT 5-095 0 BARIUM CARBONATE POWDER		5	5	<1	20 LBS.	
(5) OCCUPATIONS						
514 LABORATORY TECHNICIAN (8%)						
						009 SURFACE MISC (1%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
'BAKER ANALYZED' REAGENT 5-372 2 SODIUM HYDROXIDE PELLETS	7	7	1	22 LBS.	009 SURFACE MISC (1%)
OCCUPATIONS					
514 LABORATORY TECHNICIAN (11%)					
ACETONE 3-9006	44	44	3	10 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)					005 SURFACE SHOP (3%) 009 SURFACE MISC (7%)
602 ELECTRICIAN (38%)					
ACETONE 9006-2	3	3	<1	4 GALS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)
BAKER ANALYZED REAGENT SODIUM ACETATE ANHYDROUS 7-3470	2	2	<1	8 LBS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (3%)					009 SURFACE MISC (<1%)

TABLE 4, PAGE 68 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	COMMODITY NAME: BORON MINERALS			PREDICTED ANNUAL USAGE	(6) LOCATIONS
	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4)	
BAKER 3-V850 THORIN	4	4	<1	4 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (6%)					009 SURFACE MISC (1%)
BAKER 7-3727 SODIUM HYDROXIDE 50% (W/W)	37	37	3	26 GALS.	
(5) OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (11%)					009 SURFACE MISC (7%)
514 LABORATORY TECHNICIAN (54%)					
BROMINE, PURIFIED 1-9764	2	2	<1	1 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (3%)					009 SURFACE MISC (<1%)
METHANOL, ABSOLUTE	3	3	<1	7 GALS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 69 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
POLY(VINYL ALCOHOL), 87-89% HY DROLYZED	3	3	<1	3 LBS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					
SODIUM BORATE 3574-1 10-HYDRAT E N.F.	3	3	<1	1 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					009 SURFACE MISC (1%)
514 LABORATORY TECHNICIAN (5%)					
SULFURIC ACID 3-9681	3	3	<1	9 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					009 SURFACE MISC (1%)
514 LABORATORY TECHNICIAN (5%)					
1-3080 POTASSIUM CYANIDE GRANU LAR	3	3	<1	1 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					009 SURFACE MISC (1%)
514 LABORATORY TECHNICIAN (5%)					

TABLE 4, PAGE 70 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
1288-1 CALCIUM CARBONATE	8	8	1	250 LBS.	009 SURFACE MISC (2%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (12%)					
3-9076 METHANOL, PURIFIED (ME THYL ALCOHOL)	4	4	<1	100 GALS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (6%)					009 SURFACE MISC (1%)
3164 POTASSIUM IODIDE	8	8	1	3 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (12%)					009 SURFACE MISC (2%)
3722-1 SODIUM HYDROXIDE PELLET S	3	3	<1	13 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 71 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS		(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MANUFACTURE'S NAME AND TRADENAME PRODUCTS						
8993-1 EDTA DISODIUM SALT DIHY DRATE, CRYSTAL		3	3	<1	1 LBS.	
(5) OCCUPATIONS						
514 LABORATORY TECHNICIAN (5%)						009 SURFACE MISC (1%)
9560 HYDROFLUORIC ACID		3	3	<1	60 LBS.	
(5) OCCUPATIONS						
514 LABORATORY TECHNICIAN (5%)						009 SURFACE MISC (1%)
J.W. HARRIS CO.						
STAY-CLEAN FLUX		3	3	<1	1 GALS.	
(5) OCCUPATIONS						
804 PLUMBER; PIPE FTR; MILLWRT (2%)						005 SURFACE SHOP (1%)
J.W. HARRIS CO. INC.						
ALLOY ER5356 1/8 X 36 IN HEAT 12868		1	1	<1	50 GALS.	
(5) OCCUPATIONS						
619 WELDER (4%)						005 SURFACE SHOP (<1%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
ALLOY 4043 1/8X36 IN	1	1	<1	100 LBS.	
(5) OCCUPATIONS					
619 WELDER (4%)					005 SURFACE SHOP (<1%)

JOE ROSSI TIRE

TIRE LUBE (MURPHY SOAP)	1	1	<1	50 LBS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (2%)					005 SURFACE SHOP (<1%)

K&W PRODUCTS

K&W CARBURETOR AND CHOKE CLEAN ER(AEROSOL)	4	4	<1	98 LBS.	
(5) OCCUPATIONS					
034 DIAMOND DRILL OPTR (100%)					001 UNDERGROUND MINE (4%)

KENDALL POLYKEN DIVISION

POLYKEN PIPELINE PRIMER #927	38	38	3	20 GALS.	
(5) OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (27%)					005 SURFACE SHOP (7%) 009 SURFACE MISC (1%) 010 SURFACE MILL (8%)

TABLE 4, PAGE 73 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
KESTER SOLDER DIV.					
KESTER SOLID WIRE 50150	10	10	1	120 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (9%)			603 ELECTRICIAN HELPER (100%)		005 SURFACE SHOP (4%)

KEYSTONE CO.

PETROLEUM BASE SOLVENT 140 FLA SH	24	24	2	110 GALS.	
(5) OCCUPATIONS					
604 MECHANIC (28%)			921 HOIST OPTR (33%)		(6) LOCATIONS
					002 UNDERGROUND SHOP (85%) 009 SURFACE MISC (<1%)

KEYSTONE DIVISION, PENNWALT

KEYSTONE MOLY 53 T.J.L.	49	49	4	49 LBS.	
(5) OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (17%)			514 LABORATORY TECHNICIAN (5%)		(6) LOCATIONS
604 MECHANIC (3%)			619 WELDER (12%)		005 SURFACE SHOP (2%) 009 SURFACE MISC (9%)
804 PLUMBER; PIPE FTR; MILLWRT (27%)					

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(5) OCCUPATIONS	(6) LOCATIONS
KEYSTONE DIVISION, PENN WALT CORP.						
KEYSTONE MED. H.T. NO.1	5	5	<1	105 LBS.		
604 MECHANIC (3%)						
619 WELDER (12%)						
005 SURFACE SHOP (2%)						
KEYSTONE 5P7 MED.						
604 MECHANIC (3%)						
619 WELDER (12%)						
005 SURFACE SHOP (2%)						
KEYSTONE OIL CO.						
AUTOMATIC TRANSMISSION FLUID D						
EXRON II						
604 MECHANIC (10%)						
618 GREASER; OILER (8%)						
616 LABORER; BULLGANG (2%)						
619 WELDER (4%)						
005 SURFACE SHOP (5%)						
PETROLEUM BASE SOLVENT						
604 MECHANIC (10%)						
616 LABORER; BULLGANG (2%)						
220 GALS.						

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 75 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS			
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)
	(4) PREDICTED ANNUAL USAGE		
PETROLEUM BASE SOLVENT (CONTINUED)	17	17	1
			220 GALS.
(5)			
OCCUPATIONS			
619 WELDER (4%)	804 PLUMBER; PIPE FTR; MILLWRT (5%)		
			(6) LOCATIONS
			005 SURFACE SHOP (7%)
KIND & KNOX; DIVISION OF KNOX GELATINE, INC.			
BI. ED PS GELATIN	6	6	<1
			5 LBS.
(5)			
OCCUPATIONS			
456 ENGINEER; TECHNICAL SERVICES (17%)	514 LABORATORY TECHNICIAN (5%)		
			(6) LOCATIONS
			009 SURFACE MISC (1%)
LAKE MINERALS			
TRONA	63	63	5
			132,000,000 LBS.
(5)			
OCCUPATIONS			
579 SLURRY, MIXING OR PUMPING WRKR (24%)	588 SIZING AND WASHING OPNS WRKR (100%)		
602 ELECTRICIAN (38%)	613 CLEANUP MAN (15%)		
618 GREASER; OILER (8%)	649 ADMN, SUPERVISORY, MGT PERSNL (3%)		
679 FLOTATION/CONCTR OPTR (22%)			
			(6) LOCATIONS
			009 SURFACE MISC (7%)
			005 SURFACE SHOP (2%)
			010 SURFACE MILL (11%)
LECO CORP.			
ARROWROOT STARCH PART NO. 501- 061	8	8	1
			3 LBS.
(5)			
OCCUPATIONS			
514 LABORATORY TECHNICIAN (12%)			
			(6) LOCATIONS
			009 SURFACE MISC (2%)

TABLE 4, PAGE 76 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
IRON CHIP ACCELERATOR NO. 501- 077	8	8	1	34 LBS.	009 SURFACE MISC (2%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (12%)					
TIN METAL ACCELERATOR	8	8	1	12 LBS.	
(5) OCCUPATIONS					(6) LOCATIONS
514 LABORATORY TECHNICIAN (12%)					009 SURFACE MISC (2%)
LEHN AND FINK					
LYSOL DEODORING CLEANER	15	15	1	288 GALS.	
(5) OCCUPATIONS					(6) LOCATIONS
413 JANITOR (88%)					009 SURFACE MISC (3%)
LIFE PAINT CO.					
LIFE IMPERIAL 3899 VINYL ACRYL ICWALL PAINT WATER BASE DEEP TONE BASE	4	4	<1	50 GALS.	
(5) OCCUPATIONS					(6) LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 77 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS 009 SURFACE MISC (1%)
LIFE ONE COAT ACRYLIC ENAMEL 2 1 NAVAJO WHITE 42 SERIES-WATER BASED 42/21	4	4	<1	75 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
LIFE PROFESSIONAL "EAS-ON" VIN YL ACRYLIC WALL PAINT 422 LIGHT BUCKSKIN "HI-HIDE"	4	4	<1	75 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
LIFE 1 ONE COAT FLAT ACRYLIC W ALL PAINT "40" SERIES-WATER BASED 22 LIGHT BUCKSKIN	4	4	<1	40 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
LIFE4650 "ACRYLIC" SEALER UNDE RCOAT WHITE WATER BASE	4	4	<1	50 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					

TABLE 4, PAGE 78 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
LIQUID AIR CORP.					
GAS MIXTURE UN 1956 METHANE 2. 5% BAL AIR	1	1	<1	50 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (1%)					005 SURFACE SHOP (<1%)
LITTON KESTER SOLDER					
KESTER ACID-CORE SOLDER	22	22	2	8 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (28%)					002 UNDERGROUND SHOP (85%)
KESTER LIQUID FLUX	33	33	2	3 GALS.	
(5) OCCUPATIONS					
385 LAMPMAN (100%) 604 MECHANIC (28%)			602 ELECTRICIAN (11%)		005 SURFACE SHOP (<1%) 001 UNDERGROUND MINE (9%) 002 UNDERGROUND SHOP (85%)
KESTER SOLDER SOLID WIRE ALLOY 50/50 DIA .125	3	3	<1	141 LBS.	
(5) OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (2%)					005 SURFACE SHOP (1%)

TABLE 4, PAGE 79 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
KESTER 44 RESIN CORE SOLDER 40 % TIN-60% LEAD	11	11	1	6 LBS.	005 SURFACE SHOP (<1%) 001 UNDERGROUND MINE (9%)
(5) OCCUPATIONS					
385 LAMPMAN (100%)			602 ELECTRICIAN (11%)		

LOCTITE CORP.

LOCTITE SERVICE KIT NO. 0118 (AEROSOL)	34	34	3	300 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
604 MECHANIC (43%)					005 SURFACE SHOP (14%)

PERMATEX SILICONE FORM-A-GASKET RTV BLUE GASKET MAKER 6B	29	29	2	30 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
604 MECHANIC (36%)					002 UNDERGROUND SHOP (85%) 005 SURFACE SHOP (3%)

SUPER BONDER ADHESIVE	1	1	<1	1 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
602 ELECTRICIAN (1%)					010 SURFACE MILL (1%)

TABLE 4, PAGE 80 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
LOCTITE CORP. / AUTOMOTIVE AND CONSUMER GROUP					
PERMATEX FORM-A-GASKET RTV BLU E GASKET MAKER PART NO. 6B ITEM N080627	7	7	1	5 LBS.	
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (5%)					005 SURFACE SHOP (3%)

LOCTITE CORPORATION AUTOMOTIVE AND CONSUMER GROUP

PERMATEX FORM-A GASKET NO. 2 S EALANT NON HARDENING PLIABLE SEALANT PART NO. 2A ITEM NO. 80009	60	60	4	13 LBS.	
OCCUPATIONS					
604 MECHANIC (3%) 804 PLUMBER; PIPE FTR; MILLWRT (39%)			619 WELDER (12%)		005 SURFACE SHOP (2%) 009 SURFACE MISC (7%) 010 SURFACE MILL (9%)

LOS ANGELES CHEMICAL CO.

ISOPROPYL ALCOHOL 99%	10	10	1	300 GALS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (15%)					009 SURFACE MISC (2%)

TABLE 4, PAGE 81 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
LUBRICATION ENGINEERS, INC.					
LE ALMAGARD 3752 VARI-PURPOSE LUBRICANT	72	72	5	2,723 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (48%)			618 GREASER; OILER (25%)		005 SURFACE SHOP (16%)
804 PLUMBER; PIPE FTR; MILLWRT (20%)					009 SURFACE MISC (2%)
					010 SURFACE MILL (11%)
LE ALMASOL 601 TRANS-WORM GEAR LUBRICANT SAE 90	2	2	<1	820 LBS.	
(5) OCCUPATIONS					
618 GREASER; OILER (8%)					010 SURFACE MILL (1%)
LE NO. 3751 ALMAGARD VARI-PURP OSE LUBRICANT	2	2	<1	600 LBS.	
(5) OCCUPATIONS					
618 GREASER; OILER (8%)					010 SURFACE MILL (1%)
LE NUTRIGENT	5	5	<1	2 GALS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (9%)					010 SURFACE MILL (3%)

TABLE 4, PAGE 82 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND 0. NINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
LE 2059 MONOLEX PENETRATING OI L AND LUBRICANT (AEROSOL)	204	204	15	933 LBS.	
(5) OCCUPATIONS					
416 SALVAGE CREW (33%)		602 ELECTRICIAN (38%)			005 SURFACE SHOP (18%)
604 MECHANIC (48%)		616 LABORER; BULLGANG (12%)			009 SURFACE MISC (23%)
618 GREASER; OILER (29%)		649 ADMN, SUPERVISORY, MGT PERSNL (1%)			010 SURFACE MILL (21%)
660 MACHINIST (67%)		804 PLUMBER; PIPE FTR; MILLWRT (77%)			
(5) OCCUPATIONS					
604 MECHANIC (36%)					002 UNDERGROUND SHOP (85%)
					005 SURFACE SHOP (3%)

LUBRIPLATE DIV.

LUBRIPLATE GEAR SHIELD EXTRA H 29 29 2 15 LBS.
EAVY #15263 (AEROSOL)

(5)
OCCUPATIONS

604 MECHANIC (36%)

MAC'S / DIVISION OF ASHLAND OIL, INC.

7212 NAPA MAC'S STARTING FLUID 10 10 1 364 LBS.
(AEROSOL)

(5)
OCCUPATIONS

604 MECHANIC (10%)

616 LABORER; BULLGANG (2%)

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 83 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
MANUFACTURE'S NAME AND TRADENAME PRODUCTS				
7212 NAPA MAC'S STARTING FLUID (AEROSOL)	10	10	1	364 LBS.
(CONTINUED)				

(5)

**(5)
OCCUPATIONS**

619 WELDER (4%)

(6)

LOCATIONS

005 SURFACE SHOP (4%)

MAC'S DIVISION OF ASHLAND OIL INC.

NAPA 5005 MAC'S WATERLESS HAND CLEANER	127	127	9	450 LBS.
--	-----	-----	---	----------

(5)

OCCUPATIONS

034	DIAMOND DRILL OPTR	(100%)	048	ROOF BOLTER MOUNTED	(100%)
053	UTILITY MAN (100%)		376	TRUCK DRIVER (6%)	
416	SALVAGE CREW (67%)		456	ENGINEER; TECHNICAL SERVICES	(6%)
602	ELECTRICIAN (11%)		604	MECHANIC (28%)	
616	LABORER; BULLGANG (10%)		618	GREASER; OILER (8%)	
619	WELDER (15%)		623	SURVEYOR; TRANSIT MAN	(60%)
660	MACHINIST (33%)		728	COMPLETE LOAD/HAUL/DUMP CYCLE	(32%)

(9)

LOCATIONS
(b)

002 UNDERGROUND SHOP (88%)
009 SURFACE MISC (1%)
005 SURFACE SHOP (3%)
001 UNDERGROUND MINE (84%)

MALLINCKRODT, INC.

MALLINCKRODT 1008 IODINE CRYST	38	
ALS (RESUBLIMED) ANALYTICAL REAGENT		38
		1 LBS.

(5)

(3) OCCUPATIONS

456 ENGINEER; TECHNICAL SERVICES (17%) 514 LABORATORY TECHNICIAN (54%)

(9)

(6)
LOCATIONS

009 SURFACE MISC (7%)

TABLE 4, PAGE 84 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS					
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MALLINCKRODT 2549 BORIC ACID GRANULAR H3BO3 ANALYTICAL REAGENT	61	61	5	8 LBS.	
(5) OCCUPATIONS					
379 DRYER OPTR; KILN OPTR (53%)		456 ENGINEER; TECHNICAL SERVICES (17%)			009 SURFACE MISC (3%)
514 LABORATORY TECHNICIAN (15%)		616 LABORER; BULLGANG (5%)			010 SURFACE MILL (24%)
618 GREASER; OILER (8%)		649 ADMN, SUPERVISORY, MGT PERSONL (6%)			
679 FLOTATION/CONCTR OPTR (22%)		804 PLUMBER; PIPE FTR; MILLWRT (13%)			
MALLINCKRODT 5258 HYDROXYLAMIN E HYDROCHLORIDE (CRYSTALS) ANALYTICAL REAGENT					
	4	4	<1	4 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (6%)					009 SURFACE MISC (1%)
PERCHLORIC ACID 60% AR					
	3	3	<1	32 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)
3256-4 AMMONIUM HYDROXIDE (A.C .S.)					
	3	3	<1	2 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 85 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)			(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)		(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)		(4) PREDICTED ANNUAL USAGE	
	---			---		---		---	
MANVILLE PRODUCTS CORP.									
BH-40 FIBRA-CEL	3			3		<1		2,400 LBS.	
(5) OCCUPATIONS	---			---		---		---	
579 SLURRY, MIXING OR PUMPING WRKR (18%)									
(6) LOCATIONS	---			---		---		---	
010 SURFACE MILL (2%)									

MANVILLE PRODUCTS CORP.

MANVILLE CELITE ANALYTICAL FIL TER-AID	3			3		<1		10 LBS.	
(5) OCCUPATIONS	---			---		---		---	
579 SLURRY, MIXING OR PUMPING WRKR (18%)									
(6) LOCATIONS	---			---		---		---	
010 SURFACE MILL (2%)									

MARVEL OIL COMPANY, INC.

MARVEL LUBRICATING OIL	25			25		2		14 GALS.	
(5) OCCUPATIONS	---			---		---		---	
416 SALVAGE CREW (33%)									
618 GREASER; OILER (8%)									
604 MECHANIC (5%)									
804 PLUMBER; PIPE FTR; MILLWRT (13%)									
(6) LOCATIONS	---			---		---		---	
005 SURFACE SHOP (3%)									
009 SURFACE MISC (<1%)									
010 SURFACE MILL (9%)									

TABLE 4, PAGE 86 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MARVEL MYSTERY OIL	10	10	1	9 GALS.	002 UNDERGROUND SHOP (12%) 005 SURFACE SHOP (3%)
(5) OCCUPATIONS					
604 MECHANIC (13%)					
MASTER BUILDERS MARTIN MARIETTA					
EMBECO 636 GROUT	8	8	1	3,150 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)					005 SURFACE SHOP (3%)
MATHESON COLEMAN & BELL					
METHYL RED MX1410-1	11	11	1	1 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (17%)					009 SURFACE MISC (2%)
VW6742-7 SODIUM HYDROXIDE SOLU TION	11	11	1	354 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (17%)					009 SURFACE MISC (2%)

TABLE 4, PAGE 87 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MATTHEWS INTERNATIONAL CORP.; MARKING SYSTEMS DIV.					
JET-A-MARK INK BLACK	2	2	<1	120 GALS.	
OCCUPATIONS					
616 LABORER; BULLGANG (3%)					009 SURFACE MISC (<1%)

MCB-MATHESON COLEMAN & BELL MANUFACTURING CHEMISTS

MCB HYDROCHLORIC ACID HX0603P-	14	14	1	20 LBS.	
OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (17%)					009 SURFACE MISC (2%)
804 PLUMBER; PIPE FTR; MILLWRT (2%)					005 SURFACE SHOP (1%)

MCKAY MFG.CO.

MCKAY LIQUID TIRE LUBE	2	2	<1	72 GALS.	
OCCUPATIONS					
616 LABORER; BULLGANG (3%)					005 SURFACE SHOP (1%)

TABLE 4, PAGE 88 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MCKAY SILICONE SPRAY (AEROSOL) 606	1	1	<1	8 LBS.	005 SURFACE SHOP (<1%)
(5) OCCUPATIONS					
616 LABORER; BULLGANG (2%)					
MCKAY 200 BATTERY TERMINAL PRO TECTOR (AEROSOL)	34	34	3	20 LBS.	
(5) OCCUPATIONS					(6) LOCATIONS
604 MECHANIC (43%)					005 SURFACE SHOP (14%)
TAR & BUG REMOVER	1	1	<1	10 GALS.	
(5) OCCUPATIONS					(6) LOCATIONS
616 LABORER; BULLGANG (2%)					005 SURFACE SHOP (<1%)
MG WELDING PRODUCTS					
MG 570	4	4	<1	18 LBS.	
(5) OCCUPATIONS					(6) LOCATIONS
619 WELDER (15%)					005 SURFACE SHOP (2%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MILLER-STEPHENSON CHEMICAL CO., INC.					
MS-180 FREON TF SOLVENT	7	7	1	24 LBS.	
OCCUPATIONS					
616 LABORER; BULLGANG (12%)					009 SURFACE MISC (1%)

MOBIL CHEMICALS CO., MAINTENANCE& MARINE COATINGS DEPT.

M & F ENAMEL SAFETY YELLOW 20- Y-18	4	4	<1	250 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

MOBIL CHROMOX PRIMER LIGHT GRA
Y 13-F-28

OCCUPATIONS	4	4	<1	40 GALS.	
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

MOBIL PRIMER CHROMAX RED 13-R-
50

OCCUPATIONS	4	4	<1	500 GALS.	
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 90 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MOBIL PRIMER ZINC CHROMATE YEL LOW 13-Y-5	4	4	<1	400 GALS.	009 SURFACE MISC (1%)
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
MOBIL THINNER 7-T-30	4	4	<1	50 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
MOBIL THINNER 7-T-32	4	4	<1	125 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
MOBIL THINNER 7-T-33	4	4	<1	150 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					

TABLE 4, PAGE 91 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(5) LOCATIONS	(6) LOCATIONS
MOBIL THINNER 7-T-35	4	4	<1	150 GALS.		
OCCUPATIONS						
513 BLDG REPAIR AND MAINTENANCE (21%)						009 SURFACE MISC (1%)
MOBIL VAL-CHEM CHLORINATED RUB BER ENAMEL SAGE GREEN 28-G-9	4	4	<1	450 GALS.		
OCCUPATIONS						
513 BLDG REPAIR AND MAINTENANCE (21%)						009 SURFACE MISC (1%)
MOBIL VAL-CHEM HI-BUILD CHLORI NATED RUBBER WARM GRAY 27-F-34	4	4	<1	500 GALS.		
OCCUPATIONS						
513 BLDG REPAIR AND MAINTENANCE (21%)						009 SURFACE MISC (1%)
MOBIL VAL-CHEM HI-BUILD CHLORI NATED RUBBER WHITE 27-W-9	4	4	<1	250 GALS.		
OCCUPATIONS						
513 BLDG REPAIR AND MAINTENANCE (21%)						009 SURFACE MISC (1%)

TABLE 4, PAGE 92 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MOBIL VAL-CHEM HI-BUILD TANK E POXY LIGHT BUFF 78-D-7 BASE	4	4	<1	50 GALS.	009 SURFACE MISC (1%)
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
MOBIL VALKOTE ENAMEL HIGHWAY Y ELLOW 19-Y-12	4	4	<1	120 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
MOBIL OIL CO.					
DELVAC 1120 20W-20	1	1	<1	3,080 GALS.	
OCCUPATIONS					
618 GREASER; OILER (4%)					
DELVAC 1230 SAE 30	58	58	4	0 GALS.	
OCCUPATIONS					
034 DIAMOND DRILL OPTR (100%)				376 TRUCK DRIVER (6%)	

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 93 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
DELVAC 1230 SAE 30 (CONTINUED)	58	58	4	0 GALS.	
OCCUPATIONS					
604 MECHANIC (28%)		614 SAMPLER; DUST SAMPLER (29%)			002 UNDERGROUND SHOP (88%)
618 GREASER; OILER (4%)		649 ADMN, SUPERVISORY, MGT PERSNL (4%)			009 SURFACE MISC (2%)
674 WAREHOUSEMAN; SUPPLY HANDLER (25%)		728 COMPLETE LOAD/HAUL/DUMP CYCLE (32%)			001 UNDERGROUND MINE (24%)
OCCUPATIONS					
DELVAC 1340 SAE40	6	6	<1	5,280 GALS.	
OCCUPATIONS					
368 BULLDOZER OPTR (50%)		416 SALVAGE CREW (67%)			005 SURFACE SHOP (1%)
618 GREASER; OILER (8%)		782 FRONT-END LOADER OPTR (11%)			002 UNDERGROUND SHOP (4%)
					009 SURFACE MISC (1%)
OCCUPATIONS					
MOBIL GREASE 77	32	32	2	567 LBS.	
OCCUPATIONS					
416 SALVAGE CREW (67%)		604 MECHANIC (36%)			002 UNDERGROUND SHOP (85%)
618 GREASER; OILER (4%)					005 SURFACE SHOP (4%)
					009 SURFACE MISC (<1%)
OCCUPATIONS					
MOBIL HABITAC E OPEN GEAR COMP OUND (AEROSOL)	1	1	<1	32 LBS.	
OCCUPATIONS					
618 GREASER; OILER (4%)					009 SURFACE MISC (<1%)

TABLE 4, PAGE 94 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MOBIL MOBILUX EP-2	31	31	2	5,200 LBS.	
(5) OCCUPATIONS					
034 DIAMOND DRILL OPTR (100%)			604 MECHANIC (31%)		002 UNDERGROUND SHOP (100%)
618 GREASER; OILER (4%)			930 SKIP TENDER (100%)		001 UNDERGROUND MINE (5%)
MOBIL-TAC OPEN GEAR GREASE	3	3	<1	350 GALS.	
(5) OCCUPATIONS					
618 GREASER; OILER (4%)			921 HOIST OPTR (33%)		(6) LOCATIONS 009 SURFACE MISC (1%)
MOBILTEMP SHC 32	30	30	2	59 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (36%)			618 GREASER; OILER (4%)		(6) LOCATIONS 005 SURFACE SHOP (3%) 002 UNDERGROUND SHOP (88%)
MOBILUBE HD 85W-140	24	24	2	6,000 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (28%)			618 GREASER; OILER (8%)		(6) LOCATIONS 002 UNDERGROUND SHOP (88%) 009 SURFACE MISC (<1%)

TABLE 4, PAGE 95 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MOBILUX 023	3	3	<1	400 LBS.	
OCCUPATIONS					
618 GREASER; OILER (4%)			921 HOIST OPTR (33%)		009 SURFACE MISC (1%)

MOBIL OIL CORP.

AUTOMATIC TRANSMISSION FLUID 2	38	38	3	605 GALS.	
20					
OCCUPATIONS					
604 MECHANIC (43%)			616 LABORER; BULLGANG (2%)		005 SURFACE SHOP (16%)
618 GREASER; OILER (13%)					
MOBIL DTE OIL HEAVY MEDIUM	3	3	<1	1,100 GALS.	

OCCUPATIONS					
618 GREASER; OILER (13%)					010 SURFACE MILL (2%)
MOBIL GREASE 77	43	43	3	44,000 LBS.	
OCCUPATIONS					
604 MECHANIC (43%)			616 LABORER; BULLGANG (2%)		

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 96 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MOBIL GREASE 77 (CONTINUED)	43	43	3	44,000 LBS.	010 SURFACE MILL (1%) 005 SURFACE SHOP (16%)
OCCUPATIONS					
618 GREASER; OILER (33%)					
MOBIL LUBE H.D. 85W/140	9	9	1	26,400 LBS.	
OCCUPATIONS					
616 LABORER; BULLGANG (2%)					004 SURFACE MINE (3%) 005 SURFACE SHOP (2%) 010 SURFACE MILL (1%)
MOBIL VACUUM PUMP OIL	8	8	1	30 GALS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (12%)					009 SURFACE MISC (2%)
MOBIL 1310 10W	13	13	1	4,475 GALS.	
OCCUPATIONS					
368 BULLDOZER OPTR (50%)					006 SURFACE CRUSHING (20%)

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 97 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MOBIL 1310 10W (CONTINUED)	13	13	1	4,475 GALS.	005 SURFACE SHOP (5%)
(5) OCCUPATIONS					
616 LABORER; BULLGANG (2x)			618 GREASER; OILER (8%)		
619 WELDER (4%)					
MOBIL 1330 30W	35	35	3	4,475 GALS.	
(5) OCCUPATIONS					
368 BULLDOZER OPTR (50%)			604 MECHANIC (10%)		010 SURFACE MILL (5%)
613 CLEANUP MAN (26%)			616 LABORER; BULLGANG (2%)		005 SURFACE SHOP (7%)
618 GREASER; OILER (21%)			619 WELDER (4%)		009 SURFACE MISC (1%)
649 ADMN. SUPERVISORY, MGT PERSNL (3%)			674 WAREHOUSEMAN; SUPPLY HANDLER (13%)		006 SURFACE CRUSHING (100%)
782 FRONT-END LOADER OPTR (44%)					
MOBILGREASE 532	5	5	<1	3,200 LBS.	
(5) OCCUPATIONS					
618 GREASER; OILER (21%)					005 SURFACE SHOP (1%)
					010 SURFACE MILL (2%)
MOBILTAC E OPEN GEAR LUBRICANT	3	3	<1	50 GALS.	
(5) OCCUPATIONS					
618 GREASER; OILER (13%)					010 SURFACE MILL (2%)

TABLE 4, PAGE 98 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MOBILUBE C-90	5	5	<1	743 GALS.	
(5) OCCUPATIONS					
618 GREASER; OILER (21%)					005 SURFACE SHOP (1%) 010 SURFACE MILL (2%)
MOBILUBE HD 80W-90	5	5	<1	400 GALS.	
(5) OCCUPATIONS					
618 GREASER; OILER (21%)					005 SURFACE SHOP (1%) 010 SURFACE MILL (2%)
MOCK PETRO CHEM.					
LL-204 MOCK P.I.B. ADDITIVES 0 ILADDITIVE	5	5	<1	12 GALS.	
(5) OCCUPATIONS					
604 MECHANIC (3%)			619 WELDER (12%)		005 SURFACE SHOP (2%)
SAFETY SOLVENT 6003 NA 1993	124	124	9	3,080 GALS.	
(5) OCCUPATIONS					
604 MECHANIC (8%)			618 GREASER; OILER (21%)		

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 99 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
SAFETY SOLVENT 6003 NA 1993 (CONTINUED)	124	124	9	3,080 GALS.	
OCCUPATIONS					
619 WELDER (12%)			804 PLUMBER; PIPE FTR; MILLWRT (77%)		005 SURFACE SHOP (11%) 009 SURFACE MISC (15%) 010 SURFACE MILL (10%)

MOCK PETROCHEMICAL CO., INC.

BRAKE FLUID	34	34	3	55 GALS.	(6) LOCATIONS
OCCUPATIONS					
604 MECHANIC (43%)					005 SURFACE SHOP (14%)

OPEN SPRAYABLE GEAR LUBE	8	8	1	88,000 LBS.	(6) LOCATIONS
OCCUPATIONS					
618 GREASER; OILER (33%)					004 SURFACE MINE (3%) 005 SURFACE SHOP (1%) 010 SURFACE MILL (1%)

SAFETY SOLVENT 6003 NA 1993	38	38	3	3,575 GALS.	(6) LOCATIONS
OCCUPATIONS					
604 MECHANIC (43%)			616 LABORER; BULLGANG (2%)		

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 100 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS			
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)
			(4) PREDICTED ANNUAL USAGE
SAFETY SOLVENT 6003 NA 1993 (CONTINUED)	38	38	3 3,575 GALS.
(5)			
OCCUPATIONS			LOCATIONS
618 GREASER; OILER (13%)			005 SURFACE SHOP (16%)
MODERN RESEARCH			
MR-778 (AEROSOL)	16	16	1 312 LBS.
(5)			
OCCUPATIONS			LOCATIONS
602 ELECTRICIAN (9%) 604 MECHANIC (8%)			603 ELECTRICIAN HELPER (100%)
MONTEREY SAND CO., INC.			
COURSE & MEDIUM COPPER SLAG	4	4	<1 150,000 LBS.
(5)			
OCCUPATIONS			LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (21%)			009 SURFACE MISC (1%)
SAND			
	8	8	1 201,500 LBS.
(5)			
OCCUPATIONS			LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (42%)			005 SURFACE SHOP (3%)

TABLE 4, PAGE 101 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MULTICORE SOLDERS					
SN60 RESIN MULTICORE SOLDER .0 50 IN. WRAP3	2	2	<1	1 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (2%)					005 SURFACE SHOP (1%)

MURRAY CORP

209510 LEAK FIND (AEROSOL)	34	34	3	18 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (43%)					005 SURFACE SHOP (14%)

NALCO CHEMICAL CO.

COOLING SYSTEM TREATMENT 2000 NALCOOL	32	32	2	550 GALS.	
(5) OCCUPATIONS					
604 MECHANIC (35%) 618 GREASER; OILER (13%)					
			616 LABORER; BULLGANG (2%)		005 SURFACE SHOP (14%)

TABLE 4, PAGE 102 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
NALCO 2000 COOLING SYSTEM TREATMENT	13	13	1	5,200 LBS.	009 SURFACE MISC (<1%) 010 SURFACE MILL (6%)
OCCUPATIONS					
514 LABORATORY TECHNICIAN (2%) 804 PLUMBER; PIPE FTR; MILLWRT (1%)			616 LABORER; BULLGANG (17%)		

NALCO 750 BOILER ANTIFOAM	12	12	1	3,784 LBS.	(6) LOCATIONS 010 SURFACE MILL (6%)
OCCUPATIONS					
616 LABORER; BULLGANG (17%)			804 PLUMBER; PIPE FTR; MILLWRT (1%)		

NALCO CHEMICAL CO. FIELD SYSTEMS DEPARTMENT

N.A.OH. 0.45 SOL. 50624	5	5	<1	2 GALS.	(6) LOCATIONS 010 SURFACE MILL (3%)
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OCCUPATIONS					
616 LABORER; BULLGANG (9%)					

NALCO NO. 374 CORROSION INHIBITOR	6	6	<1	1,500 LBS.	(6) LOCATIONS 009 SURFACE MISC (1%) 010 SURFACE MILL (2%)
OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)			679 FLOTATION/CONCTR OPTR (8%)		

TABLE 4, PAGE 103

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS				
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
NALCO ST-1 SOLUTION 613	5	5	<1	1 LBS.
(5)				
OCCUPATIONS				
616 LABORER; BULLGANG (9%)				
(6) LOCATIONS				
010 SURFACE MILL (3%)				
NALCO TEST REAGENTS PA-1 SO-63 5 LOT NO. L-04-4	5	5	<1	1 GALS.
(5)				
OCCUPATIONS				
616 LABORER; BULLGANG (9%)				
(6) LOCATIONS				
010 SURFACE MILL (3%)				
NALCO TEST REAGENTS SOLUTION N O. S0234 TDS-1 LOT NO. L-06-4	5	5	<1	8 GALS.
(5)				
OCCUPATIONS				
616 LABORER; BULLGANG (9%)				
(6) LOCATIONS				
010 SURFACE MILL (3%)				
NALCO TEST REAGENTS SOLUTION N O. S0275 H-2 LOT NO. L-10-4	5	5	<1	10 GALS.
(5)				
OCCUPATIONS				
616 LABORER; BULLGANG (9%)				
(6) LOCATIONS				
010 SURFACE MILL (3%)				

TABLE 4, PAGE 104 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MANUFACTURE'S NAME AND TRADENAME PRODUCTS				
NALCO TEST REAGENTS SOLUTION N O. 50447 LH-3 LOT NO. L-04-4	5	<1	1 GALS.	
(5) OCCUPATIONS				
616 LABORER; BULLGANG (9%)				010 SURFACE MILL (3%)
NALCO TEST REAGENTS ST-2 SOLUT ION 614	5	<1	1 GALS.	
(5) OCCUPATIONS				
616 LABORER; BULLGANG (9%)				010 SURFACE MILL (3%)
NALCO TR-1 SOLUTION 50681	5	<1	2 GALS.	
(5) OCCUPATIONS				
616 LABORER; BULLGANG (9%)				010 SURFACE MILL (3%)
NALCO TR-2 SOLUTION 50682	5	<1	2 GALS.	
(5) OCCUPATIONS				
616 LABORER; BULLGANG (9%)				010 SURFACE MILL (3%)

TABLE 4, PAGE 105 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS				
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
NALCO 7326 NON-OXIDIZING AGENT	6	6	<1	1,500 LBS.
(5) OCCUPATIONS				
514 LABORATORY TECHNICIAN (5x)	5x	679 FLOTATION/CONCTR OPTR (8x)	8x	
(6) LOCATIONS				
				009 SURFACE MISC (1x)
				010 SURFACE MILL (2x)
OWT 304				
	13	13	1	1,090 LBS.
(5) OCCUPATIONS				
514 LABORATORY TECHNICIAN (2x)	2x	616 LABORER; BULLGANG (17x)	17x	
804 PLUMBER; PIPE FTR; MILLWRT (1x)	1x			
(6) LOCATIONS				
				009 SURFACE MISC (<1x)
				010 SURFACE MILL (6x)
ST-1 SOLUTION 50613				
	5	5	<1	1 LBS.
(5) OCCUPATIONS				
616 LABORER; BULLGANG (9x)	9x			
(6) LOCATIONS				
				010 SURFACE MILL (3x)
ST-2 SOLUTION 50614				
	5	5	<1	1 GALS.
(5) OCCUPATIONS				
616 LABORER; BULLGANG (9x)	9x			
(6) LOCATIONS				
				010 SURFACE MILL (3x)

TABLE 4, PAGE 106 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
39-P-2 SOLUTION 50295	5	5	<1	2 GALS.	010 SURFACE MILL (3%)
(5) OCCUPATIONS					
616 LABORER; BULLGANG (9%)					
8330M	13	13	1	1,040 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (2%)		616 LABORER; BULLGANG (17%)			009 SURFACE MISC (<1%)
804 PLUMBER; PIPE FTR; MILLWRT (1%)					010 SURFACE MILL (6%)
8365	13	13	1	2,180 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (2%)		616 LABORER; BULLGANG (17%)			009 SURFACE MISC (<1%)
804 PLUMBER; PIPE FTR; MILLWRT (1%)					010 SURFACE MILL (6%)
8367	13	13	1	3,125 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (2%)		616 LABORER; BULLGANG (17%)			009 SURFACE MISC (<1%)

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TABLE 4, PAGE 107 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
8367 (CONTINUED)	13	13	1	3,125 LBS.	010 SURFACE MILL (6%)
(5) OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (1x)					

NONFLUID OIL CORP.

ATC-855	18	18	1	1 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
674 WAREHOUSEMAN; SUPPLY HANDLER (3%)		804 PLUMBER; PIPE FTR; MILLWRT (12%)			005 SURFACE SHOP (8%)

NONFLUID OIL AIR LUBE 10W/NR

18	18	1	1 GALS.	(6) LOCATIONS
(5) OCCUPATIONS				
674 WAREHOUSEMAN; SUPPLY HANDLER (3%)		804 PLUMBER; PIPE FTR; MILLWRT (12%)		005 SURFACE SHOP (8%)

NORTON CO.

GRINDING SAUCER 7INX1/4IN SBSA	8	8	1	24 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
385 LAMPMAN (100%)		604 MECHANIC (9%)			005 SURFACE SHOP (3%)

TABLE 4, PAGE 108 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
NORZON III GRINDING DISC	41	41	3	24 LBS.	005 SURFACE SHOP (3%) 009 SURFACE MISC (7%)
(5) OCCUPATIONS					
604 MECHANIC (4%)		619 WELDER (12%)			
804 PLUMBER; PIPE FTR; MILLWRT (25%)					

NORZON III MINI-DISC 134313	1	1	<1	5 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
619 WELDER (4%)					005 SURFACE SHOP (<1%)

311917/9 GENERAL PURPOSE MINI-DISC 4X1/4X5/8	8	8	1	28 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
619 WELDER (4%)		804 PLUMBER; PIPE FTR; MILLWRT (5%)			005 SURFACE SHOP (3%)

NU EASE, INC.					
H.D. RED OIL SWEEP	6	6	<1	21,700 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
602 ELECTRICIAN (1%)		613 CLEANUP MAN (11%)			009 SURFACE MISC (<1%)

(CONTINUED NEXT PAGE)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
H.D. RED OIL SWEEP (CONTINUED)	6	6	<1	21,700 LBS.	005 SURFACE SHOP (2%)
(5) OCCUPATIONS					
616 LABORER; BULLGANG (3%)					
NU-EASE CLEANING MATERIALS CO.					
NU-EASE CARPET TREAT DEODORANT	15	15	1	148 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					009 SURFACE MISC (3%)
413 JANITOR (88%)					
NU-EASE LEMON LIME AIR SANITIZ ER & DEODORANT (AEROSOL)	15	15	1	46 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					009 SURFACE MISC (3%)
413 JANITOR (88%)					
NU-EASE MINT-SOLV	15	15	1	25 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					009 SURFACE MISC (3%)
413 JANITOR (88%)					

TABLE 4, PAGE 110 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	COMMODITY NAME: BORON MINERALS			PREDICTED ANNUAL USAGE	(6) LOCATIONS
	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)		
NU-EASE MINT-SOLV UTILITY CLEA NER DEGREASER ODOR CONTROL	15	15	1	14 GALS.	
(5) OCCUPATIONS					
413 JANITOR (88%)					009 SURFACE MISC (3%)
NU-EASE POWER FOAM (AEROSOL)	34	34	3	18 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (43%)					005 SURFACE SHOP (14%)
NU-EASE POWER FOAM ALL PURPOSE CLEANER (AEROSOL)	1	1	<1	96 LBS.	
(5) OCCUPATIONS					
613 CLEANUP MAN (4%)					009 SURFACE MISC (<1%)
NU-EASE SHIELD ALL	15	15	1	9 GALS.	
(5) OCCUPATIONS					
413 JANITOR (88%)					009 SURFACE MISC (3%)

TABLE 4, PAGE 112 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
OCCIDENTAL COATING CO.	1	1	<1	10 LBS.	010 SURFACE MILL (1%)
OCAL-SPRAY (AEROSOL)					
OCCUPATIONS					
602 ELECTRICIAN (1%)					

OCEAN SALT CO., INC.

OCEAN SALT MEDIUM/COARSE	13	13	1	8,400 LBS.	
OCCUPATIONS					
616 LABORER; BULLGANG (19%)		804	PLUMBER; PIPE FTR; MILLWRT (1%)		009 SURFACE MISC (<1%) 010 SURFACE MILL (6%)

PACIFIC GRINDING WHEEL CO., INC.

PACIFIC GRINDING WHEEL CO., IN C. MAX 2070 RPM 12 X 2 X 1-1/2 A24-Q-VM VIT	1	1	<1	100 LBS.	
OCCUPATIONS					
416 SALVAGE CREW (33%)					005 SURFACE SHOP (<1%)

TABLE 4, PAGE 113 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
PATIO CONCRETE PRODUCTS					
MORTAR	9	9	1	540 LBS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)			514 LABORATORY TECHNICIAN (2%)		005 SURFACE SHOP (3%) 009 SURFACE MISC (<1%)
PEARL ABRASIVE CO.					
ABRASIVE CUTTING DISC 7X1/4X7/8	52	52	4	208 LBS.	
OCCUPATIONS					
604 MECHANIC (43%)			619 WELDER (69%)		004 SURFACE MINE (12%) 005 SURFACE SHOP (16%)
PEARL ABRASIVE CO. A24S MAX 8, 500 RPM SIZE 7"x1/4"x7/8" LOT NO. A124074	104	104	8	358 LBS.	
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (73%)					004 SURFACE MINE (3%) 009 SURFACE MISC (13%) 010 SURFACE MILL (18%)

TABLE 4, PAGE 114 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
PENNZOIL CO.					
PENNZOIL AW HYDRAULIC OIL 32	3	3	<1	55 GALS.	010 SURFACE MILL (2%)
(5) OCCUPATIONS					
618 GREASER; OILER (13%)					
PENNZOIL HYDRA FLO DEXRON II A U TOMATIC TRANSMISSION FLUID	24	24	2	33 GALS.	002 UNDERGROUND SHOP (88%) 009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
604 MECHANIC (28%)			618 GREASER; OILER (8%)		
PENNZOIL HYDRA FLO TYPE F AUTO MATIC TRANSMISSION FLUID	24	24	2	47 GALS.	002 UNDERGROUND SHOP (88%) 009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
604 MECHANIC (28%)			618 GREASER; OILER (8%)		
PERMATAX CO. INC.					
FORM-A-GASKET NO. 1	34	34	3	7 GALS.	005 SURFACE SHOP (14%)
(5) OCCUPATIONS					
604 MECHANIC (43%)					

TABLE 4, PAGE 115 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
PERMATEX INDUSTRIAL					
PERMATEX INDUSTRIAL GASKET REM OVER (AEROSOL)	7	7	1	41 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (9%)					005 SURFACE SHOP (3%)
Pfizer Inc.; Minerals & Metals Div.					
SHASTA WHITE LIMESTONE	3	3	<1	12,000 LBS.	
(5) OCCUPATIONS					
579 SLURRY, MIXING OR PUMPING WRKR (18%)					010 SURFACE MILL (2%)
POLYTECH					
JA-273 SUPER PENETRANT WITH DU PONT TEFLOW (AEROSOL)	39	39	3	12 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (5%)					005 SURFACE SHOP (2%) 009 SURFACE MISC (7%)
804 PLUMBER; PIPE FTR; MILLWRT (25%)					

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS				
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
POLY AS 105 ANTI-SEIZE & LUBRI CATING COMPOUND (AEROSOL)	4	4	<1	18 LBS.
(5) OCCUPATIONS				(6) LOCATIONS
604 MECHANIC (5%)				005 SURFACE SHOP (2%)
POLY DJ-154 CLINGING DEGREASER	34	34	3	49 LBS.
(5) OCCUPATIONS				(6) LOCATIONS
604 MECHANIC (43%)				005 SURFACE SHOP (14%)
POLY DJ-154 CLINGING DEGREASER (AEROSOL)	41	41	3	24 LBS.
(5) OCCUPATIONS				(6) LOCATIONS
604 MECHANIC (5%)				005 SURFACE SHOP (2%)
804 PLUMBER; PIPE FTR; MILLWRT (25%)			618 GREASER; OILER (8%)	010 SURFACE MILL (1%)
				009 SURFACE MISC (7%)
POLY FRP-37 GASKET & DECAL REM OVER PAINT & VARNISH STRIPPER (AEROSOL)	99	99	7	311 LBS.
(5) OCCUPATIONS				(6) LOCATIONS
602 ELECTRICIAN (38%)			604 MECHANIC (8%)	

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 118 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
POTTERS INDUSTRIES, INC.					
BALLOTINI IMPACT BEADS	23	23	2	300 LBS.	
OCCUPATIONS					
602 ELECTRICIAN (24%)					005 SURFACE SHOP (10%)

PREMIER INDUSTRIAL CO.

GASKET ADHESIVE ROTANIUM 91660 (AEROSOL)	35	35	3	12 LBS.	
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (25%)					009 SURFACE MISC (7%)

PREMIER INDUSTRIAL CORP.

ROTANIUM RID RUST	20	20	1	70 LBS.	
OCCUPATIONS					
618 GREASER; OILER (8%)					010 SURFACE MILL (1%)
					005 SURFACE SHOP (7%)
					009 SURFACE MISC (<1%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
PROFESSIONAL TECHNOLOGY OF AMERICA, INC					
PRO TEC LITHIUM-COMPLEX EP WHI TE	2	2	<1	12 LBS.	009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
618 GREASER; OILER (8%)					

PROFESSIONAL TECHNOLOGY OF AMERICA, INC.

PRO TEC GREASE LITHIUM-COMPLEX E.P. #2	36	36	3	210 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
602 ELECTRICIAN (38%)					009 SURFACE MISC (7%)

PROFLAME GAS OF PAHRUMP

PROPANE	8	8	1	2,544 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (12%)					009 SURFACE MISC (2%)

TABLE 4, PAGE 120 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
Q.S.C. CO.					
NAPA SUPER HEAVY DUTY BRAKE FL UID NO. 35-101	10	10	1	12 GALS.	
(5) OCCUPATIONS					
604 MECHANIC (10%) 619 WELDER (4%)		616 LABORER; BULLGANG (2%)			005 SURFACE SHOP (4%)
RACON INCORPORATED					
RACON 22	7	7	1	625 LBS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (12%)					009 SURFACE MISC (1%)
RACON, INC.					
RACON 22 CHLORODIFLUOROMETHANE CHCIF2	7	7	1	2,730 LBS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (12%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 121

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS				
(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MANUFACTURE'S NAME AND TRADENAME PRODUCTS				
RADIATOR SPECIALTY CO				
GUNK S-C SUPER CONCENTRATE #SC -3DEGREASER	2	<1	29 GALS.	(6) LOCATIONS 005 SURFACE SHOP (1%)
(5) OCCUPATIONS				
660 MACHINIST (33%)				
RADIATOR SPECIALTY COMPANY				
NUMBER 55 BLEND LIQUID TYPE NO N-HARDENING SOLDER SEAL TITE SEAL GASKET & JOINT SEALING COMPOUND PART NO. T55-1	53	4	8 GALS.	(6) LOCATIONS
(5) OCCUPATIONS				
602 ELECTRICIAN (56%)				
SOLDER SEAL LIQUID WRENCH AMER ICA'S NO. 1 SUPER-PENETRANT PART NO. L1-34				
	77	6	5 GALS.	(6) LOCATIONS
(5) OCCUPATIONS				
602 ELECTRICIAN (38%) 804 PLUMBER; PIPE FTR; MILLWRT (26%)				
660 MACHINIST (67%)				
(6) LOCATIONS 005 SURFACE SHOP (2%) 009 SURFACE MISC (14%)				

TABLE 4, PAGE 122 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
RED-E-CRETE	8	8	1	28,350 LBS.	005 SURFACE SHOP (3%)
RED-E-CRETE					
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)					
REMACO INC.					
REMA TIP TOP COLD VULCANIZING FLUID NO 203	1	1	<1	1 GALS.	005 SURFACE SHOP (<1%)
OCCUPATIONS					
616 LABORER; BULLGANG (2%)					
REMA TIP TOP SPECIAL VULCANIZI NG CEMENT	1	1	<1	1 GALS.	005 SURFACE SHOP (<1%)
OCCUPATIONS					
616 LABORER; BULLGANG (2%)					
RUBBER BUFFER NO. 71	1	1	<1	1 GALS.	005 SURFACE SHOP (<1%)
OCCUPATIONS					
616 LABORER; BULLGANG (2%)					

TABLE 4, PAGE 123 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS					
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	LOCATIONS
TIP TOP COLD VULCANIZING FLUID	2	2	<1	2 GALS.	
(5)					
OCCUPATIONS					
616 LABORER; BULLGANG (3%)					
(6)					
					005 SURFACE SHOP (1%)

REXNORD CHEMICAL PRODUCTS, INC. RESIN SYSTEMS

NORDBAK FIXMASTER SILICONE ADH	170	13	257 GALS.
ESIVE SEALANT WHITE 4492 7459-9948-533			
(5)			
OCCUPATIONS			
602 ELECTRICIAN (38%)	616 LABORER; BULLGANG (12%)		
804 PLUMBER; PIPE FTR; MILLWRT (89%)			
(6)			
LOCATIONS			
	005 SURFACE SHOP (7%)		
	009 SURFACE MISC (23%)		
	010 SURFACE MILL (18%)		

REXWORD, RESIN SYSTEMS DIV.

NORBAK FIXMASTER SILICONE ADHE SIVE SEALANT	34	34	3	28 GALS.
(5)				
OCCUPATIONS				

604 MECHANIC (43%)				
(6)				
LOCATIONS				

005 SURFACE SHOP (14%)				

TABLE 4, PAGE 124 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
RHODIUS QUALITY ABRASIVES INC.					
RHODIUS QUALITY ABRASIVES META L TYPE 27 4 1/2X1/4X7/8" RS 2 REINFORCED	24	24	2	300 LBS.	
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (17%)					005 SURFACE SHOP (10%)

RHONE-POULENC INC.

RHODORSIL 3B SILICONE CONSTRUCT TION SEALANT CLEAR 4342	34	34	3	12 GALS.	
OCCUPATIONS					
385 LAMPMAN (100%)			604 MECHANIC (36%)		(6) LOCATIONS
616 LABORER; BULLGANG (7%)					002 UNDERGROUND SHOP (85%) 005 SURFACE SHOP (3%) 001 UNDERGROUND MINE (4%)

RIVERSIDE CEMENT CO.

RIVERSIDE PORTLAND CEMENT ORO GRADE	1	1	<1	156,322 LBS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (5%)					(6) LOCATIONS
					009 SURFACE MISC (<1%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
ROBERTS CONSOLIDATED INDUSTRIES					
WELDWOOD READY-TO-USE VINYL PA STE NO. 0569	8	8	1	15 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)					005 SURFACE SHOP (3%)

RUST-OLEUM CORP.

ACTIVATOR FOR RUST-OLEUM HEAVY -DUTY EPOXY SYSTEM FINISH COAT	4	4	<1	200 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

CHEMICAL AND WATER RISTANT EPO
XY SYSTEM ZINC-SELE 9334 GREEN

(5) OCCUPATIONS					(6) LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

RUST-OLEUM ACTIVATOR FOR 9391
WHITE PRIMER

(5) OCCUPATIONS					(6) LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(5) MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(6) LOCATIONS
4	4	<1	100 GALS.	RUST-OLEUM A74-3110 U.S. BORAX GREEN	009 SURFACE MISC (1%)
				(5) OCCUPATIONS	
				513 BLDG REPAIR AND MAINTENANCE (21%)	
				RUST-OLEUM HEAT RESISTANT COAT ING SYSTEM 4268 RED PRIMER	70 GALS.
				(5) OCCUPATIONS	
				513 BLDG REPAIR AND MAINTENANCE (21%)	009 SURFACE MISC (1%)
				RUST-OLEUM HEAVY DUTY EPOXY SY STE, 9305 ACITIVATOR	25 GALS.
				(5) OCCUPATIONS	
				513 BLDG REPAIR AND MAINTENANCE (21%)	009 SURFACE MISC (1%)
				RUST-OLEUM HEAVY DUTY EPOXY SY STEM 9347 YELLOW	125 GALS.
				(5) OCCUPATIONS	
				513 BLDG REPAIR AND MAINTENANCE (21%)	009 SURFACE MISC (1%)

TABLE 4, PAGE 127 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MANUFACTURE'S NAME AND TRADENAME PRODUCTS					
RUST-OLEUM HEAVY DUTY EPOXY SY STEM 9373 ORANGE PRIMER	4	4	<1	125 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)
RUST-OLEUM HEAVY DUTY EPOXY SY STEM 9382 LIGHT GRAY	4	4	<1	35 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)
RUST-OLEUM HEAVY DUTY EPOXY SY STEM 9386 NAVY GRAY	4	4	<1	50 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)
RUST-OLEUM HEAVY DUTY EPOXY SY STEM 9391 WHITE PRIMER	4	4	<1	100 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 128 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS				
(1) MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(2) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
RUST-OLEUM HEAVY DUTY EPOXY SY STEM 9392 WHITE	4	<1	40 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS				
513 BLDG REPAIR AND MAINTENANCE (21%)				
RUST-OLEUM HEAVY-DUTY EPOXY CO ATING SYSTEM BASE COMPONENT 92-7301 ORANGE PRIMER	4	<1	125 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS				
513 BLDG REPAIR AND MAINTENANCE (21%)				
RUST-OLEUM HEAVY-DUTY EPOXY CO ATING SYSTEM 92-0011 ACTIVATOR COMPONENT	4	<1	125 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS				
513 BLDG REPAIR AND MAINTENANCE (21%)				
RUST-OLEUM NEW COLOR HORIZONS 659 YELLOW	4	<1	75 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS				
513 BLDG REPAIR AND MAINTENANCE (21%)				

TABLE 4, PAGE 129 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
RUST-OLEUM NEW COLOR HORIZONS 7290 WHITE	4	4	<1	100 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
RUST-OLEUM NEW COLOR HORIZONS 769 DAMP-PROOF RED PRIMER	4	4	<1	100 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
RUST-OLEUM NEW COLOR HORIZONS 792 BROWN	4	4	<1	50 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
RUST-OLEUM NEW COLOR HORIZONS 964 FEDERAL SAFETY RED	4	4	<1	40 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS					(6) LOCATIONS
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	
RUST-OLEUM NEW COLOR HORIZONS 978 FEDERAL SAFETY BLACK	4	4	<1	50 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
RUST-OLEUM OUTSIDE WHITE FOR W OOD AND METAL 590 WHITE UNDERCOATER	4	4	<1	125 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
RUST-OLEUM SPEEDY-DRY COATING SYSTEM 1573 RUST INHIBITIVE PRIMER	4	4	<1	50 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
RUST-OLEUM ZONE MARKING COATIN G T-7945 YELLOW	4	4	<1	50 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)			(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)			(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)			(4) PREDICTED ANNUAL USAGE		
	4	4	4	4	4	4	<1	<1	<1	75 GALS.		
RUST-OLEUM ZONE MARKING COATIN GS T7990 WHITE												
(5) OCCUPATIONS												
513 BLDG REPAIR AND MAINTENANCE (21%)												
RUST-OLEUM 1548 SAFETY YELLOW SPEEDY-DRY COATING SYSTEM	4	4	4	4	4	4	<1	<1	<1	100 GALS.		
(5) OCCUPATIONS												
513 BLDG REPAIR AND MAINTENANCE (21%)												
RUST-OLEUM 160 THINNER	4	4	4	4	4	4	<1	<1	<1	300 GALS.		
(5) OCCUPATIONS												
513 BLDG REPAIR AND MAINTENANCE (21%)												
RUST-OLEUM 170 THINNER	4	4	4	4	4	4	<1	<1	<1	200 GALS.		
(5) OCCUPATIONS												
513 BLDG REPAIR AND MAINTENANCE (21%)												

(6)
LOCATIONS

009 SURFACE MISC (1%)

(6)
LOCATIONS

009 SURFACE MISC (1%)

(6)
LOCATIONS

009 SURFACE MISC (1%)

(6)
LOCATIONS

009 SURFACE MISC (1%)

TABLE 4, PAGE 132 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(5) LOCATIONS
RUST-OLEUM 190 THINNER	7	7	1	300 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)		804 PLUMBER; PIPE FTR; MILLWRT (2%)			009 SURFACE MISC (1%) 004 SURFACE MINE (3%)
RUST-OLEUM 633 THINNER	4	4	<1	50 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)
RUST-OLEUM 641 THINNER	4	4	<1	50 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)
RUST-OLEUM 7086 QUICK-DRY GRAY PRIMER	4	4	<1	50 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)			(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)			(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)			(4) PREDICTED ANNUAL USAGE		
RUST-OLEUM 9079 BLACK	4			4			<1			50 GALS.		
(5) OCCUPATIONS												
513 BLDG REPAIR AND MAINTENANCE (21%)												
											(6) LOCATIONS	
												009 SURFACE MISC (1%)

RUST-OLEUM 944 FEDERAL SAFETY
YELLOW NEW COLOR HORIZONS

	4			4			<1			50 GALS.		
(5) OCCUPATIONS												
513 BLDG REPAIR AND MAINTENANCE (21%)												
											(6) LOCATIONS	
												009 SURFACE MISC (1%)

S.C. JOHNSON & SON, INC.

BRAVO EXTRA HEAVY DUTY STRIPPE
R

	15			15			1			66 GALS.		
(5) OCCUPATIONS												
413 JANITOR (88%)												
											(6) LOCATIONS	
												009 SURFACE MISC (3%)

JOHNSON END BAC 11 DISINFECTANT
T DEODORANT SPRAY (AEROSOL)

	35			35			3			144 LBS.		
(5) OCCUPATIONS												
413 JANITOR (88%)												
											(6) LOCATIONS	
												005 SURFACE SHOP (3%)

(CONTINUED NEXT PAGE)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
JOHNSON END BAC 11 DISINFECTANT T DEODORANT SPRAY (AEROSOL) (CONTINUED)	35	35	3	144 LBS.	
OCCUPATIONS					
613 CLEANUP MAN (4%)			649 ADMN, SUPERVISORY, MGT PERSNL (7%)		009 SURFACE MISC (5%)

SAN DIEGO JANITOR SUPPLY

WAXIE LIQUID PUMICE	15	15	1	144 GALS.	
OCCUPATIONS					
413 JANITOR (88%)					009 SURFACE MISC (3%)

SANDUIK WELDING PRODUCTS

STAINLESS WELDING ELECTRODES	4	4	<1	86 LBS.	
OCCUPATIONS					
619 WELDER (15%)					005 SURFACE SHOP (2%)

SARGENT-WELCH SCIENTIFIC COMPANY

DUOS EAL PUMP OIL	9	9	1	30 GALS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (9%)			804 PLUMBER; PIPE FTR; MILLWRT (2%)		009 SURFACE MISC (2%)

TABLE 4, PAGE 135 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
METHANOL ANHYDROUS (ABSOLUTE)	2	2	<1	10 GALS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (3%)					009 SURFACE MISC (<1%)

SCHOLLE CORP.

NAPA ELECTROLYTE (ACID) BATTERY FLUID	11	11	1	35 LBS.	
OCCUPATIONS					
385 LAMPMAN (100%)			602 ELECTRICIAN (11%)		005 SURFACE SHOP (<1%) 001 UNDERGROUND MINE (9%)

SCOTT'S LIQUID GOLD-INC.

SCOTT'S LIQUID GOLD WOOD CLEANER & PRESERVATIVE (AEROSOL)	15	15	1	24 LBS.	
OCCUPATIONS					
413 JANITOR (88%)					009 SURFACE MISC (3%)

SELECT PRODUCTS CO.

SPC SELECT SEAL U-200 A/B	8	8	1	40 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)					005 SURFACE SHOP (3%)

TABLE 4, PAGE 136 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
SELIG CHEMICAL INDUSTRIES					
EMC-13 SPECIAL SOLVENT DEGREASER	10	10	1	720 GALS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (9%)			603 ELECTRICIAN HELPER (100%)		005 SURFACE SHOP (4%)
SELIG'S MASTER MECHANIC (AEROSOL)	34	34	3	300 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (43%)					005 SURFACE SHOP (14%)

SELIG'S MASTER MECHANIC (AEROSOL)	204	204	15	1,617 LBS.	
(5) OCCUPATIONS					
379 DRYER OPTR; KILN OPTR (27%)			416 SALVAGE CREW (33%)		005 SURFACE SHOP (13%)
514 LABORATORY TECHNICIAN (9%)			602 ELECTRICIAN (38%)		009 SURFACE MISC (25%)
604 MECHANIC (8%)			616 LABORER; BULLGANG (12%)		010 SURFACE MILL (22%)
618 GREASER; OILER (21%)			619 WELDER (12%)		
649 ADMN, SUPERVISORY, MGT PERSNL (1%)			804 PLUMBER; PIPE FTR; MILLWRT (94%)		

TABLE 4, PAGE 137 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
SHELL CHEMICAL CO.; DIVISION OF SHELL OIL CO.					
NEOSOL PROPRIETARY SOLVENT (AL COHOL, DENATURED)	25	25	2	100 GALS.	
(5) OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (17%)			514 LABORATORY TECHNICIAN (34%)		009 SURFACE MISC (5%)

SHELL OIL CO

SHELL PARINA AX 70330	10	10	1	480 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (9%)			603 ELECTRICIAN HELPER (100%)		005 SURFACE SHOP (4%)

SHEMETRON CORP. ARC PRODUCTS DIV.

ALL-STATE 4480 SOFT SILVER SOL DER	7	7	1	5 LBS.	
(5) OCCUPATIONS					
616 LABORER; BULLGANG (12%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 138 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS					
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
SHEP'S AMERICAN, INC.					
SHEPS PRIME NEATFOOT COMPOUND (AEROSOL)	102	102	8	6 GALS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (38%)		618 GREASER; OILER (8%)			009 SURFACE MISC (16%)
649 ADMN. SUPERVISORY, MGT PERSNL (7%)		804 PLUMBER; PIPE FTR; MILLWRT (37%)			010 SURFACE MILL (10%)
SIERRA CHEMICAL CO.					
MANNITOL	8	8	1	9,500 LBS.	
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (12%)					009 SURFACE MISC (2%)
340 CC BOOSTER	2	2	<1	31,500 LBS.	
(5) OCCUPATIONS					
807 POWDER GANG; BLASTER (67%)					004 SURFACE MINE (2%)
SONNEBORN DIVISION; WITCO CHEMICAL. CORP					
FREEZENE LIGHT (LP-100)	6	6	<1	40 GALS.	
(5) OCCUPATIONS					
456 ENGINEER; TECHNICAL SERVICES (17%)		514 LABORATORY TECHNICIAN (5%)			009 SURFACE MISC (1%)

TABLE 4, PAGE 139 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
SPARTAN COMPANY INC.	15	15	1	110 GALS.	009 SURFACE MISC (3%)
SPARTAN ON AN' ON HIGH-SOLIDS METAL INTERLOCK FLOOR FINISH					
OCCUPATIONS					
413 JANITOR (88%)					

SPRAY PRODUCTS CORP

STARTING FLUID #070-516 (AEROS OL)	34	34	3	41 GALS.	(6) LOCATIONS
OCCUPATIONS					005 SURFACE SHOP (14%)
604 MECHANIC (43%)					

SPRAY PRODUCTS CORP.

HOT SHOT STARTING FLUID (AEROS OL) # 070-516	7	7	1	46 LBS.	(6) LOCATIONS
OCCUPATIONS					005 SURFACE SHOP (3%)
604 MECHANIC (9%)					

TABLE 4, PAGE 140 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
STA-LUBE INC					
STA-LUBE DISC BRAKE HY-TEMP-BE ARING GREASE	7	7	1	18 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (9%)					005 SURFACE SHOP (3%)
STA-LUBE WONDER WHITE GREASE	7	7	1	13 LBS.	
(5) OCCUPATIONS					
604 MECHANIC (9%)					005 SURFACE SHOP (3%)
STA-LUBE, INC.					
HAND CLEANER FORMULA II CONTAI NS LANOLIN	17	17	1	20 GALS.	
(5) OCCUPATIONS					
604 MECHANIC (10%) 619 WELDER (4%)				616 LABORER; BULLGANG (2%) 804 PLUMBER; PIPE FTR; MILLWRT (5%)	005 SURFACE SHOP (7%)
PROD. NO. 2515 SOLUBLE OIL	7	7	1	15 GALS.	
(5) OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (5%)					005 SURFACE SHOP (3%)

TABLE 4, PAGE 141 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	
STANDARD DRY WALL PRODUCTS					
THORITE	8	8	1	15 GALS.	
OCCUPATIONS					(6) LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (42%)					005 SURFACE SHOP (3%)

STOODY CO.

STOODY 31	18	18	1	70 LBS.	
OCCUPATIONS					(6) LOCATIONS
619 WELDER (69%)					004 SURFACE MINE (12%) 005 SURFACE SHOP (2%)

TUNGSTEN CARBIDE HARD-FACING A
LLOYD 7F27

OCCUPATIONS	18	18	1	70 LBS.	
619 WELDER (69%)					(6) LOCATIONS
					004 SURFACE MINE (12%) 005 SURFACE SHOP (2%)

STOODY COMPANY

BARE STOODY 6N CAST ROD FOR OX Y-ACETYLENE OR TIG	3	3	<1	72 LBS.	
OCCUPATIONS					(6) LOCATIONS
619 WELDER (12%)					005 SURFACE SHOP (1%)

TABLE 4, PAGE 142 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
STOODY STAINLESS STEEL ELECTRO DES TYPE 316L-16	20	20	1	25 LBS.	004 SURFACE MINE (3%) 009 SURFACE MISC (3%)
OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (14%)					

TCI AMERICAS INC.

ATLAS MANNITOL, USP	21	21	2	1,512 LBS.	
OCCUPATIONS					
514 LABORATORY TECHNICIAN (32%)					009 SURFACE MISC (4%)

TEXAS REFINERY CORP.

TRC #880 CROWN AND CHASSIS LUB RICANT NLGI-2	7	7	1	1,800 LBS.	
OCCUPATIONS					
618 GREASER; OILER (29%)					009 SURFACE MISC (1%) 010 SURFACE MILL (2%)

TABLE 4, PAGE 143 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(5) OCCUPATIONS	(6) LOCATIONS
THE CARTER-WATERS CORP.						
604 MACHINE BOND EPOXY RESIN G ROUT	8	8	1	15 GALS.		
513 BLDG REPAIR AND MAINTENANCE (42%)						005 SURFACE SHOP (3%)

THE CLOVER MFG. CO.

CLOVER SILICON CARBIDE COMPOUN D	2	2	<1	23 LBS.		
660 MACHINIST (33%)						005 SURFACE SHOP (1%)

THE DOW CHEMICAL COMPANY AND SUBSIDIARIES

DOW SEPARAN SYNTHETIC POLYMER NP-10P	6	6	<1	2 LBS.		
456 ENGINEER; TECHNICAL SERVICES (11%)						009 SURFACE MISC (1%)
514 LABORATORY TECHNICIAN (6%)						

NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1)	(2)	(3)	(4)	LOCATIONS
	#WORKERS POTENTIALLY EXPOSED (OBSERVED)	#WORKERS POTENTIALLY EXPOSED (PREDICTED)	%WORKERS POTENTIALLY EXPOSED (PREDICTED)	PREDICTED ANNUAL USAGE	
DOW 340 SILICONE HEAT SINK COM POUND	2	2	<1	1 LBS.	
(5)					
OCCUPATIONS					
602 ELECTRICIAN (2%)					
(6)					
005 SURFACE SHOP (1%)					

THE DRACKETT PRODUCTS COMPANY

**WINDEX GLASS CLEANER WITH AMMO
NIA-D**

(5) OCCUPATIONS	(6) LOCATIONS
413 JANITOR (88%)	602 ELECTRICIAN (40%)
604 MECHANIC (8%)	613 CLEANUP MAN (7%)
616 LABORER; BULLGANG (2%)	618 GREASER; OILER (8%)
619 WELDER (12%)	649 ADMN, SUPERVISORY, MGT PERSNL (3%)
660 MACHINIST (67%)	804 PLUMBER; PIPE FTR; MILLWRT (70%)
	005 SURFACE SHOP (10%)
	009 SURFACE MISC (22%)
	010 SURFACE MILL (18%)

THE JOSEPH DIXON CRUCIBLE COMPANY

DIXON GRAPHITE NO. 2

(5) OCCUPATIONS	(6) LOCATIONS
618 GREASER; OILER (4%)	649 ADMN, SUPERVISORY, MGT PERSNL (1%)
	009 SURFACE MISC (1%)

TABLE 4, PAGE 145 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
DIXON GRAPHITE OPEN CHAIN LUBR ICANT	3	3	<1	6 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
618 GREASER; OILER (13%)					

THE LINCOLN ELECTRIC CO.

FLEETWELD 5P E6010	158	158	12	7,620 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
619 WELDER (81%)		804 PLUMBER; PIPE FTR; MILLWRT (96%)			004 SURFACE MINE (15%) 005 SURFACE SHOP (16%) 009 SURFACE MISC (13%) 010 SURFACE MILL (18%)

INNERSHIELD NR-211

(5) OCCUPATIONS	4	4	<1	600 LBS.	(6) LOCATIONS
619 WELDER (15%)					005 SURFACE SHOP (2%)

LINCOLN STAINLESS STAINWELD 31
6L-16

(5) OCCUPATIONS	20	20	1	84 LBS.	(6) LOCATIONS
619 WELDER (12%)		804 PLUMBER; PIPE FTR; MILLWRT (12%)			005 SURFACE SHOP (1%) 009 SURFACE MISC (3%)

TABLE 4, PAGE 146 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY					COMMODITY NAME: BORON MINERALS	
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(5)	(6) LOCATIONS
STAINWELD 316L-16	7	7	1	50 LBS.		
OCCUPATIONS						
804 PLUMBER; PIPE FTR; MILLWRT (5%)						005 SURFACE SHOP (3%)
THE M.W. DUNTON CO.						
NOKORODE SOLDERING PASTE ITEM #14000	2	2	<1	5 LBS.		
OCCUPATIONS						
602 ELECTRICIAN (2%)						005 SURFACE SHOP (1%)
THE MARTIN-SENOUR CO.						
8832 ACRYLIC ENAMEL SLOW REDUC ER	1	1	<1	48 GALS.		
OCCUPATIONS						
616 LABORER; BULLGANG (2%)						005 SURFACE SHOP (<1%)
99L4871 WHITE 526	1	1	<1	72 GALS.		
OCCUPATIONS						
616 LABORER; BULLGANG (2%)						005 SURFACE SHOP (<1%)

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
THE RIDGE TOOL CO.					
RIDGE DARK CUTTING OIL	9	9	1	9 GALS.	
OCCUPATIONS					
604 MECHANIC (9%)			660 MACHINIST (33%)		005 SURFACE SHOP (4%)
RIDGID DARK THREAD CUTTING OIL	12	12	1	5 GALS.	
OCCUPATIONS					
602 ELECTRICIAN (2%)			604 MECHANIC (10%)		005 SURFACE SHOP (5%)
616 LABORER; BULLGANG (2%)			619 WELDER (4%)		
THE STECO CORP.					
TAP MAGIC A CUTTING FLUID	17	17	1	2 GALS.	
OCCUPATIONS					
604 MECHANIC (10%)			616 LABORER; BULLGANG (2%)		005 SURFACE SHOP (7%)
619 WELDER (4%)			804 PLUMBER; PIPE FTR; MILLWRT (5%)		
THE VALSPAR CORP.					
THINNER 7-T-35 VALSPAR	4	4	<1	200 GALS.	
OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 148 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
THINNER 7-T-39	4	4	<1	175 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					
VALSPAR M & F ENAMEL YELLOW 20 -Y-5	4	4	<1	300 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)
VALSPAR SAFETY YELLOW 20-Y-18 M & F ENAMEL	4	4	<1	400 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)
VALSPAR VAL-CHEM HI-BUILD EPOX Y CURING AGENT 78-T-1	4	4	<1	30 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 149 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
VALSPAR VAL-CHEM HI-BUILD EPOX Y WHITE 78-W-3 BASE	4	4	<1	350 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (21%)					009 SURFACE MISC (1%)

THE W. W. DUNTON CO.

NOKORODE SOLDERING PAST	2	2	<1	1 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (2%)					(6) LOCATIONS
					005 SURFACE SHOP (1%)

THE W.W. HENRY CO.

HENRY 430 FLOOR TILE ADHESIVE	8	8	1	15 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)					(6) LOCATIONS
					005 SURFACE SHOP (3%)

HENRY MULTI-PURPOSE FLOOR COVE
RING ADHESIVE

	12	12	1	20 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (63%)					(6) LOCATIONS
					005 SURFACE SHOP (3%)
					009 SURFACE MISC (1%)

TABLE 4, PAGE 150 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS			
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)
THE WHITMORE MFG. CO. LUBRICATING ENGINEERS			(4) PREDICTED ANNUAL USAGE
WHITMORE'S WIRE ROPE SPRAY (LU BRICANT) (AEROSOL)	37	37	3
OCCUPATIONS			
379 DRYER OPTR; KILN OPTR (27%)			618 GREASER; OILER (13%)
804 PLUMBER; PIPE FTR; MILLWRT (21%)			
(5)			(6) LOCATIONS
			009 SURFACE MISC (3%)
			010 SURFACE MILL (12%)

THERMACOTE WELCO

36 IN 316 STAINLESS WELDING RO D	2	2	<1	20 LBS.
(5)				(6) LOCATIONS
OCCUPATIONS				009 SURFACE MISC (<1%)
804 PLUMBER; PIPE FTR; MILLWRT (1%)				

THORPE INSULATION CO.

THERMOKATE 1-GP FINISH CEMENT	6	6	<1	3,000 LBS.
(5)				(6) LOCATIONS
OCCUPATIONS				009 SURFACE MISC (1%)
513 BLDG REPAIR AND MAINTENANCE (32%)				

TABLE 4, PAGE 151 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
20 WR PWP-FUME CLASS I ED	2	2	<1	240 LBS.	004 SURFACE MINE (2%)
079 CRUSHER OPTR (33%)					

TRAJAN U.S. POWDER DIVISION OF COMMERCIAL SOLVENTS CO.

20 WR PWP-FUME CLASS I ED	2	2	<1	200 LBS.	009 SURFACE MISC (<1%)
616 LABORER; BULLGANG (2%)					

UNIBRAZE CORP.

BARE LOW FUMING/BR A6712163-C	4	4	<1	25 LBS.	005 SURFACE SHOP (2%)
619 WELDER (15%)					

UNION OIL COMPANY OF CALIFORNIA

MP GEAR LUBE SAE 85W-140	2	2	<1	110 LBS.	009 SURFACE MISC (<1%)
618 GREASER; OILER (8%)					

TABLE 4, PAGE 152 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
UNION A-0 MULTIPURPOSE GREASE	4	4	<1	440 LBS.	
OCCUPATIONS					
618 GREASER; OILER (17%)					010 SURFACE MILL (2%)

UNION ATF DEXRON II AUTOMATIC
TRANSMISSION FLUID 3 3 <1 275 GALS.

OCCUPATIONS	(6) LOCATIONS
618 GREASER; OILER (13%)	009 SURFACE MISC (<1%) 010 SURFACE MILL (1%)

UNION HEAVY DUTY MOTOR OIL SAE 259 259 19 165 GALS.

OCCUPATIONS	(6) LOCATIONS
079 CRUSHER OPTR (67%) 376 TRUCK DRIVER (8%) 389 FORKLIFT OPTR (93%) 416 SALVAGE CREW (33%) 513 BLDG REPAIR AND MAINTENANCE (32%) 579 SLURRY, MIXING OR PUMPING WRKR (18%) 604 MECHANIC (4%) 616 LABORER; BULLGANG (38%) 649 ADMN, SUPERVISORY, MGT PERSNL (44%)	279 HAMMER MILL OPTR (100%) 379 DRYER OPTR; KILN OPTR (20%) 413 JANITOR (12%) 456 ENGINEER; TECHNICAL SERVICES (28%) 514 LABORATORY TECHNICIAN (5%) 602 ELECTRICIAN (49%) 613 CLEANUP MAN (48%) 618 GREASER; OILER (21%) 668 TRACTOR OPTR (100%)

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 153 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
UNION HEAVY DUTY MOTOR OIL SAE 40 (CONTINUED)	259	259	19	165 GALS.	
OCCUPATIONS					
674 WAREHOUSEMAN; SUPPLY HANDLER (28%)					005 SURFACE SHOP (17%)
782 FRONT-END LOADER OPTR (22%)					010 SURFACE MILL (28%)
825 BOBCAT OPTR (100%)					009 SURFACE MISC (32%)
UNION SOLUBLE OIL 10	64	64	5	115 GALS.	
OCCUPATIONS					
602 ELECTRICIAN (38%)					005 SURFACE SHOP (2%)
804 PLUMBER; PIPE FTR; MILLWRT (17%)					009 SURFACE MISC (12%)
UNION TURBINE OIL ISO VG 100	4	4	<1	660 GALS.	
OCCUPATIONS					
618 GREASER; OILER (17%)					010 SURFACE MILL (2%)
UNION TURBINE OIL ISO VG 220	4	4	<1	770 GALS.	
OCCUPATIONS					
618 GREASER; OILER (17%)					009 SURFACE MISC (<1%)
					010 SURFACE MILL (1%)

TABLE 4, PAGE 154 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
UNION TURBINE OIL ISO VG 68	2	2	<1	1,375 GALS.	009 SURFACE MISC (<1%)
(5) OCCUPATIONS					
618 GREASER; OILER (8%)					
UNION UNAX AW ISO 320	2	2	<1	660 GALS.	
(5) OCCUPATIONS					
618 GREASER; OILER (8%)					010 SURFACE MILL (1%)
UNION UNAX AW ISO 46	22	22	2	330 GALS.	
(5) OCCUPATIONS					
579 SLURRY, MIXING OR PUMPING WRKR (24%)					
613 CLEANUP MAN (15%)					
679 FLOTATION/CONCTR OPTR (22%)					
588 SIZING AND WASHING OPNS WRKR (100%)					
618 GREASER; OILER (8%)					010 SURFACE MILL (11%)
UNION UNOBA EP-2 GREASE	8	8	1	5,200 LBS.	
(5) OCCUPATIONS					
618 GREASER; OILER (33%)					009 SURFACE MISC (<1%)
					010 SURFACE MILL (3%)

TABLE 4, PAGE 155 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
UNION UNOBA EP-3 GREASE	2	2	<1	50 LBS.	010 SURFACE MILL (1%)
(5) OCCUPATIONS					
618 GREASER; OILER (8%)					

UNION WORM GEAR LUBE SAE 140	7	7	1	350 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
618 GREASER; OILER (29%)					009 SURFACE MISC (1%) 010 SURFACE MILL (2%)

UNION 76 0109 COLTON	121	121	9	38,500 GALS.	(6) LOCATIONS
GUARDOIL 40					
(5) OCCUPATIONS					
375 ROAD GRADER OPTR (100%)		376 TRUCK DRIVER (11%)			005 SURFACE SHOP (20%)
387 ROTARY BUCKET EXCAVATOR OPTR (100%)		601 CONVEYOR BELT CREW (100%)			009 SURFACE MISC (4%)
602 ELECTRICIAN (9%)		603 ELECTRICIAN HELPER (100%)			010 SURFACE MILL (11%)
604 MECHANIC (43%)		616 LABORER; BULLGANG (5%)			004 SURFACE MINE (26%)
618 GREASER; OILER (33%)		623 SURVEYOR; TRANSIT MAN (20%)			
649 ADMN, SUPERVISORY, MGT PERSNL (10%)		728 COMPLETE LOAD/HAUL/DUMP CYCLE (68%)			
782 FRONT-END LOADER OPTR (22%)					

TABLE 4, PAGE 156 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
HYDRAULIC OIL C-3-10	70	70	5	30,000 GALS.	005 SURFACE SHOP (16%) 010 SURFACE MILL (1%) 009 SURFACE MISC (1%) 004 SURFACE MINE (21%)
OCCUPATIONS					
375 ROAD GRADER OPTR (100%)			387 ROTARY BUCKET EXCAVATOR OPTR (100%)		
604 MECHANIC (43%)			616 LABORER; BULLGANG (2%)		
618 GREASER; OILER (33%)			728 COMPLETE LOAD/HAUL/DUMP CYCLE (27%)		
782 FRONT-END LOADER OPTR (22%)					

HYDRAULIC OIL C-3-30 70 70 5 25,000 GALS.

(5) OCCUPATIONS	(6) LOCATIONS
375 ROAD GRADER OPTR (100%)	005 SURFACE SHOP (16%)
604 MECHANIC (43%)	010 SURFACE MILL (1%)
618 GREASER; OILER (33%)	009 SURFACE MISC (1%)
782 FRONT-END LOADER OPTR (22%)	004 SURFACE MINE (21%)

TRANSMISSION FLUID TYPE F 6 6 <1 55 GALS.

(5) OCCUPATIONS	(6) LOCATIONS
604 MECHANIC (8%)	005 SURFACE SHOP (3%)

UNION 76 SOLUBLE OIL 10 4 4 <1 20 GALS.

(5) OCCUPATIONS	(6) LOCATIONS
619 WELDER (15%)	005 SURFACE SHOP (2%)

TABLE 4, PAGE 157 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
UNITED STATES BORAX & CHEMICAL CORP.					
BORAXO HAND CLEANER	61	61	5	1,110 LBS.	
OCCUPATIONS					
604 MECHANIC (43%)		616 LABORER; BULLGANG (2%)			010 SURFACE MILL (1%)
618 GREASER; OILER (33%)		619 WELDER (69%)			004 SURFACE MINE (15%)
					005 SURFACE SHOP (18%)

UNITED STATES BORAX & CHEMICAL CORPORATION

BIOBOR DIESEL DOCTOR ANTIMICRO 123
BIAL DIESEL FUEL CONDITIONER UPC2340005273

OCCUPATIONS	(5)	(6) LOCATIONS
604 MECHANIC (5%)	123	005 SURFACE SHOP (5%)
618 GREASER; OILER (17%)	9	009 SURFACE MISC (14%)
660 MACHINIST (67%)		010 SURFACE MILL (19%)
BORAXO HOSPITAL DISINFECTANT T ILE AND PORCELAIN CLEANER	15	
OCCUPATIONS		
413 JANITOR (88%)	1	009 SURFACE MISC (3%)

TABLE 4, PAGE 158 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
MANUFACTURE'S NAME AND TRADENAME PRODUCTS					
BORAXO QUICKCLEAN LIQUID WATER LESS HAND CLEANER CONTAINS LANOLINUPC 23400-00381	63	63	5	373 GALS.	
(5) OCCUPATIONS					
513 BLDG REPAIR AND MAINTENANCE (42%)			602 ELECTRICIAN (38%)		005 SURFACE SHOP (11%)
618 GREASER; OILER (4%)			804 PLUMBER; PIPE FTR; MILLWRT (13%)		009 SURFACE MISC (7%)

BORIC ACID GRANULAR TECHNICAL		71	71	5	200 LBS.
(5) OCCUPATIONS					(6) LOCATIONS
379 DRYER OPTR; KILN OPTR (20%)		514 LABORATORY TECHNICIAN (20%)			009 SURFACE MISC (12%)
602 ELECTRICIAN (42%)		613 CLEANUP MAN (4%)			010 SURFACE MILL (4%)
649 ADMN, SUPERVISORY, MGT PERSNL (7%)		679 FLOTATION/CONCTR OPTR (8%)			

INSOL		40	40	3	150,000 LBS.
(5) OCCUPATIONS					(6) LOCATIONS
379 DRYER OPTR; KILN OPTR (53%)		616 LABORER; BULLGANG (5%)			010 SURFACE MILL (20%)
618 GREASER; OILER (8%)		649 ADMN, SUPERVISORY, MGT PERSNL (6%)			
804 PLUMBER; PIPE FTR; MILLWRT (13%)					

UNITED STATES GYPSUM					
USG READY-MIXED JOINT COMPOUND		8	8	1	25 LBS.
(5) OCCUPATIONS					(6) LOCATIONS
513 BLDG REPAIR AND MAINTENANCE (42%)					005 SURFACE SHOP (3%)

TABLE 4, PAGE 159 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
UTP WELDING MATERIALS OF CANADA LTD.					
UTP 63 ALLOY STEELS AND STAINL ESS STEELS	18	18	1	120 LBS.	004 SURFACE MINE (12%) 005 SURFACE SHOP (2%)
(5) OCCUPATIONS					
619 WELDER (69%)					
UTP 670	18	18	1	120 LBS.	
(5) OCCUPATIONS					
619 WELDER (69%)					004 SURFACE MINE (12%) 005 SURFACE SHOP (2%)
VAN AIR SYSTEMS INC					
DRYALITE DESICCANT FOR DELIQUE SCENT COMPRESSED AIR DRYER	23	23	2	1,000 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (24%)					005 SURFACE SHOP (3%) 009 SURFACE MISC (4%)

TABLE 4, PAGE 160 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY				
COMMODITY NAME: BORON MINERALS				
MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE
VAN WATERS & ROGERS				
GUARDSMAN ANTI-FREEZE AND SUMM ER COOLANT	6	6	<1	165 GALS.
(5) OCCUPATIONS				
604 MECHANIC (8%)				(6) LOCATIONS 005 SURFACE SHOP (3%)
VEGAS PAINT CO				
PAINT THINNER	1	1	<1	22 GALS.
(5) OCCUPATIONS				
513 BLDG REPAIR AND MAINTENANCE (5%)				(6) LOCATIONS 009 SURFACE MISC (<1%)
VIRGINIA CHEMICAL & CO.				
VIRGINIA REFRIGERATION OIL 150	7	7	1	15 GALS.
(5) OCCUPATIONS				
616 LABORER; BULLGANG (12%)				(6) LOCATIONS 009 SURFACE MISC (1%)
VWR SCIENTIFIC INC - SUBSIDIARY OF UNIVAR				
UR-34180-640 BUFFER PH7	8	8	1	4 GALS.
(5) OCCUPATIONS				
514 LABORATORY TECHNICIAN (12%)				(6) LOCATIONS 009 SURFACE MISC (2%)

TABLE 4, PAGE 161 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
VW0716-3 CALCIUM REFERENCE STA NDARD	3	3	<1	1 GALS.	009 SURFACE MISC (1%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (5%)					
VW3110-3 HYDROCHLORIC ACID	11	11	1	480 LBS.	(6) LOCATIONS
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (17%)					009 SURFACE MISC (2%)
VWR SCIENTIFIC INC. SUBSIDIARY OF UNIVAR					(6) LOCATIONS
ACETONE 99.5% PURE	41	41	3	358 LBS.	009 SURFACE MISC (8%)
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (8%)			602 ELECTRICIAN (38%)		
VAN-LAB STANDARD BUFFER SOLUTI ONPH4 CATALOG NO. 34180-253	5	5	<1	2 GALS.	(6) LOCATIONS
(5) OCCUPATIONS					
514 LABORATORY TECHNICIAN (8%)					009 SURFACE MISC (1%)

TABLE 4, PAGE 162 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
VWR NITRIC ACID VW4815-3	4	4	<1	7 LBS.	009 SURFACE MISC (1%)
OCCUPATIONS					
514 LABORATORY TECHNICIAN (6%)					

WATCH CHEMICAL LABORATORIES

10:1 G-6 BULK SPRAY	42	42	3	4,590 LBS.	
OCCUPATIONS					
604 MECHANIC (43%)		618 GREASER; OILER (33%)			004 SURFACE MINE (3%) 005 SURFACE SHOP (16%) 010 SURFACE MILL (1%)

10:1 LUBRICANTS POLYMER GREASE

(5)		(6)	
OCCUPATIONS		LOCATIONS	
-----		-----	
604 MECHANIC (43%)		618 GREASER; OILER (33%)	
		004 SURFACE MINE (3%)	
		005 SURFACE SHOP (16%)	
		010 SURFACE MILL (1%)	

WATCH CHEMICAL LABRATORIES; DIVISION OF CHEMAED CORP.

10:1 SPRAY GREASE	55	55	4	120 LBS.	
OCCUPATIONS					
604 MECHANIC (5%)		618 GREASER; OILER (13%)			005 SURFACE SHOP (2%) 010 SURFACE MILL (1%)

(CONTINUED NEXT PAGE)

TABLE 4, PAGE 163 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
10:1 SPRAY GREASE (CONTINUED)	55	55	4	120 LBS.	
(5) OCCUPATIONS					
804 PLUMBER; PIPE FTR; MILLWRT (34%)					009 SURFACE MISC (9%)

WD-40 CO.

WD-40 (AEROSOL)	72	72	5	669 LBS.	
(5) OCCUPATIONS					
385 LAMPMAN (100%)			416 SALVAGE CREW (67%)		002 UNDERGROUND SHOP (100%)
602 ELECTRICIAN (14%)			604 MECHANIC (41%)		010 SURFACE MILL (2%)
616 LABORER; BULLGANG (2%)			618 GREASER; OILER (21%)		005 SURFACE SHOP (11%)
619 WELDER (19%)			763 SHAFT REPAIRER (100%)		009 SURFACE MISC (1%)
804 PLUMBER; PIPE FTR; MILLWRT (5%)			921 HOIST OPTR (33%)		001 UNDERGROUND MINE (12%)
930 SKIP TENDER (100%)					

WELCO

ALLOY 5556 HEAT NO. B9189P 1/8 IN	1	1	<1	75 LBS.	
(5) OCCUPATIONS					
619 WELDER (4%)					005 SURFACE SHOP (<1%)

TABLE 4, PAGE 164 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
WESTINGHOUSE ELECTRIC CORP.					
WEMCO INHIBITED INSULATING OIL	10	10	1	250 GALS.	
OCCUPATIONS					
602 ELECTRICIAN (9%)			603 ELECTRICIAN HELPER (100%)		005 SURFACE SHOP (4%)

WESTLEY INDUSTRIES, INC.

BLECHE-WITE WHITEWALL CONDITIO NER AND CLEANER.	1	1	<1	10 GALS.	
OCCUPATIONS					
616 LABORER; BULLGANG (2%)					005 SURFACE SHOP (<1%)

WINGAERSHEEK

TURBOTORCH MAPP GAS (METHYLACE TYLENE PROPADIENE, STABILIZED)	45	45	3	184 LBS.	
OCCUPATIONS					
602 ELECTRICIAN (38%)			616 LABORER; BULLGANG (12%)		
804 PLUMBER; PIPE FTR; MILLWRT (1%)					009 SURFACE MISC (9%)

TABLE 4, PAGE 165 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
X-ERGON A PARTSMASTER CO; DIVISION OF NCH CORP.					
X-ERGON "130" HPM	3	3	<1	120 LBS.	
(5) OCCUPATIONS					
619 WELDER (12%)					005 SURFACE SHOP (1%)
X-ERGON DEPENDALLOY #108	3	3	<1	120 LBS.	
(5) OCCUPATIONS					
619 WELDER (12%)					005 SURFACE SHOP (1%)
X-ERGON HI-BRADE #174	3	3	<1	100 LBS.	
(5) OCCUPATIONS					
619 WELDER (12%)					005 SURFACE SHOP (1%)
ZYNOLYTE PRODUCTS CO.					
ZYNOLYTE SPEED-E-NAMEL (AEROSO L) FLAT BLACK 0487	23	23	2	50 LBS.	
(5) OCCUPATIONS					
602 ELECTRICIAN (24%)					005 SURFACE SHOP (3%) 009 SURFACE MISC (4%)

TABLE 4, PAGE 166 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
ZYNOLYTE SPEED-E-NAMEL (AEROSO L) GLOSS BLACK	23	23	2	90 LBS.	005 SURFACE SHOP (3%) 009 SURFACE MISC (4%)
(5) OCCUPATIONS					
602 ELECTRICIAN (24%)					
ZYNOLYTE SPEED-E-NAMEL (AEROSO L) GRAY PRIMER	23	23	2	50 LBS.	005 SURFACE SHOP (3%) 009 SURFACE MISC (4%)
(5) OCCUPATIONS					
602 ELECTRICIAN (24%)					
ZYNOLYTE SPEED-E-NAMEL (AEROSO L) GRAY 0468	23	23	2	200 LBS.	005 SURFACE SHOP (3%) 009 SURFACE MISC (4%)
(5) OCCUPATIONS					
602 ELECTRICIAN (24%)					
ZYNOLYTE SPEED-E-NAMEL (AEROSO L) GLOSS WHITE #0397	23	23	2	50 LBS.	005 SURFACE SHOP (3%) 009 SURFACE MISC (4%)
(5) OCCUPATIONS					
602 ELECTRICIAN (24%)					

TABLE 4, PAGE 167 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
1976, EXCEL-MINERAL COMPANY INC.	5	5	<1	191,200 LBS.	009 SURFACE MISC (<1%) 005 SURFACE SHOP (2%)
QUICK SORB					
OCCUPATIONS					
613 CLEANUP MAN (11%)		616 LABORER; BULLGANG (3%)			
1979 THE DRACKETT PRODUCTS CO.					
WINDEX GLASS CLEANER	1	1	<1	24 GALS.	
OCCUPATIONS					
616 LABORER; BULLGANG (2%)					005 SURFACE SHOP (<1%)
1983 S.C. JOHNSON & SON INC.					
JOHNSON WAX CREW FOAMING SHOWE R ROOM CLEANER	2	2	<1	24 GALS.	
OCCUPATIONS					
413 JANITOR (12%)					009 SURFACE MISC (<1%)

TABLE 4, PAGE 168 NOTE: TRADE SECRET DATA HAVE BEEN EXCLUDED FROM THIS TABLE.

TRADENAME PRODUCTS FOUND ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MANUFACTURE'S NAME AND TRADENAME PRODUCTS	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(4) PREDICTED ANNUAL USAGE	(6) LOCATIONS
JOHNSON WAX LENON JOHNSON SHIN E-UP FURNITURE WAX (AEROSOL)	2	2	<1	132 LBS.	
(5) OCCUPATIONS					
413 JANITOR (12%)					009 SURFACE MISC (<1%)

1984 THE CLORAX COMPANY

CLOROX BLEACH	15	15	1	18 GALS.	
(5) OCCUPATIONS					
413 JANITOR (88%)					009 SURFACE MISC (3%)

3M/BUILDING SERVICE AND CLEANING PRODUCTS DIV.

3M BRAND TROUBLE SHOOTER CLEAN ER (AEROSOL)	15	15	1	104 LBS.	
(5) OCCUPATIONS					
413 JANITOR (88%)					009 SURFACE MISC (3%)

TABLE 5, PAGE 1 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

PHYSICAL AGENT CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

PHYSICAL AGENT CONDITION	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)
IONIZING RADIATION	231	231	17

(5)

OCCUPATIONS

379 DRYER OPTR; KILN OPTR (27%)
513 BLDG REPAIR AND MAINTENANCE (32%)
602 ELECTRICIAN (64%)
618 GREASER; OILER (38%)
679 FLOTATION/CONCTR OPTR (57%)
807 POWDER GANG; BLASTER (33%)

(6)

LOCATIONS

005 SURFACE SHOP (10%)
010 SURFACE MILL (44%)
009 SURFACE MISC (23%)

LASER

(5)

OCCUPATIONS

456 ENGINEER; TECHNICAL SERVICES (6%) 623 SURVEYOR; TRANSIT MAN (60%)

(6)

LOCATIONS

001 UNDERGROUND MINE (4%)

NOISE

(5)

OCCUPATIONS

034 DIAMOND DRILL OPTR (100%)
048 ROOF BOLTER MOUNTED (100%)
079 CRUSHER OPTR (100%)
368 BULLDOZER OPTR (100%)
376 TRUCK DRIVER (100%)
387 ROTARY BUCKET EXCAVATOR OPTR (100%)
393 WEIGHMAN; SCALE MAN (100%)

(6)

LOCATIONS

036 CONTINUOUS MINER OPTR (100%)
053 UTILITY MAN (100%)
279 HAMMER MILL OPTR (100%)
375 ROAD GRADER OPTR (100%)
379 DRYER OPTR; KILN OPTR (73%)
389 FORKLIFT OPTR (93%)
413 JANITOR (100%)

(CONTINUED NEXT PAGE)

TABLE 5, PAGE 2 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

PHYSICAL AGENT CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

PHYSICAL AGENT CONDITION	(1) WORKERS POTENTIALLY EXPOSED (OBSERVED)			(2) WORKERS POTENTIALLY EXPOSED (PREDICTED)			(3) WORKERS POTENTIALLY EXPOSED (PREDICTED)		
	1048	1048	1048	1048	1048	1048	78	78	78
(5) OCCUPATIONS									
416 SALVAGE CREW (33%)									002 UNDERGROUND SHOP (100%)
488 DRY SCREENING PLANT OPTR (100%)									006 SURFACE CRUSHING (100%)
514 LABORATORY TECHNICIAN (78%)									005 SURFACE SHOP (78%)
601 CONVEYOR BELT CREW (100%)									004 SURFACE MINE (93%)
603 ELECTRICIAN HELPER (100%)									010 SURFACE MILL (90%)
609 SUPPLY MAN; NIPPER (100%)									009 SURFACE MISC (93%)
614 SAMPLER; DUST SAMPLER (100%)									001 UNDERGROUND MINE (100%)
618 GREASER; OILER (100%)									
623 SURVEYOR; TRANSIT MAN (100%)									
649 ADMN, SUPERVISORY, MGT PERSNL (99%)									
668 TRACTOR OPTR (100%)									
679 FLOTATION/CONCTR OPTR (78%)									
763 SHAFT REPAIRER (100%)									
804 PLUMBER; PIPE FTR; MILLWRT (100%)									
825 BOBCAT OPTR (100%)									
930 SKIP TENDER (100%)									
(6) LOCATIONS									
456 ENGINEER; TECHNICAL SERVICES (89%)									
513 BLDG REPAIR AND MAINTENANCE (100%)									
579 SLURRY, MIXING OR PUMPING WRKR (76%)									
602 ELECTRICIAN (100%)									
604 MECHANIC (65%)									
613 CLEANUP MAN (100%)									
616 LABORER; BULLGANG (95%)									
619 WELDER (100%)									
634 ROTARY DRILL OPTR (100%)									
660 MACHINIST (100%)									
674 WAREHOUSEMAN; SUPPLY HANDLER (91%)									
728 COMPLETE LOAD/HAUL/DUMP CYCLE (100%)									
782 FRONT-END LOADER OPTR (100%)									
807 POWDER GANG; BLASTER (100%)									
879 BAGGING OR PACKING WRKR (97%)									

(5) OCCUPATIONS									
048 ROOF BOLTER MOUNTED (100%)									
416 SALVAGE CREW (33%)									
513 BLDG REPAIR AND MAINTENANCE (63%)									
602 ELECTRICIAN (13%)									
613 CLEANUP MAN (11%)									
(6) LOCATIONS									
053 UTILITY MAN (100%)									
456 ENGINEER; TECHNICAL SERVICES (6%)									
514 LABORATORY TECHNICIAN (2%)									
604 MECHANIC (55%)									
614 SAMPLER; DUST SAMPLER (71%)									
(6) LOCATIONS									
002 UNDERGROUND SHOP (96%)									

(CONTINUED NEXT PAGE)

TABLE 5, PAGE 3 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

PHYSICAL AGENT CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

PHYSICAL AGENT CONDITION (CONTINUED)	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)		(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)		(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)		(6) LOCATIONS
	290	290	290	22			
SEGMENTAL BODY VIBRATION							
(CONTINUED)							
(5) OCCUPATIONS							
616 LABORER; BULLGANG (38%)			619 WELDER (85%)				001 UNDERGROUND MINE (64%)
674 WAREHOUSEMAN; SUPPLY HANDLER (3%)			804 PLUMBER; PIPE FTR; MILLWRT (77%)				004 SURFACE MINE (15%)
							005 SURFACE SHOP (32%)
							009 SURFACE MISC (15%)
							010 SURFACE MILL (13%)

TEMPERATURE (PROCESS RELATED)	301	301	22				(6) LOCATIONS
(5) OCCUPATIONS							
379 DRYER OPTR; KILN OPTR (47%)			416 SALVAGE CREW (33%)				004 SURFACE MINE (3%)
456 ENGINEER; TECHNICAL SERVICES (28%)			513 BLDG REPAIR AND MAINTENANCE (32%)				005 SURFACE SHOP (8%)
514 LABORATORY TECHNICIAN (62%)			579 SLURRY, MIXING OR PUMPING WRKR (59%)				009 SURFACE MISC (31%)
588 SIZING AND WASHING OPNS WRKR (100%)			602 ELECTRICIAN (60%)				010 SURFACE MILL (61%)
613 CLEANUP MAN (19%)			614 SAMPLER; DUST SAMPLER (71%)				
616 LABORER; BULLGANG (31%)			618 GREASER; OILER (25%)				
649 ADMN, SUPERVISORY, MGT PERSNL (11%)			679 FLOTATION/CONCTR OPTR (78%)				
804 PLUMBER; PIPE FTR; MILLWRT (64%)							

TEMPERATUE (UNDERGROUND STRATA)	79	79	6				(6) LOCATIONS
(5) OCCUPATIONS							
034 DIAMOND DRILL OPTR (100%)			048 ROOF BOLTER MOUNTED (100%)				

(CONTINUED NEXT PAGE)

TABLE 5, PAGE 4 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

PHYSICAL AGENT CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

PHYSICAL AGENT CONDITION				
(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)		
TEMPERATURE (UNDERGROUND STRATA) (CONTINUED)	79	79	6	
(5) OCCUPATIONS				
053 UTILITY MAN (100%)		456 ENGINEER; TECHNICAL SERVICES (6%)		(6) LOCATIONS 001 UNDERGROUND MINE (71%)
602 ELECTRICIAN (11%)		616 LABORER; BULLGANG (7%)		
623 SURVEYOR; TRANSIT MAN (60%)		649 ADMN, SUPERVISORY, MGT PERSNL (1%)		
WHOLE BODY VIBRATION				
	766	766	57	
(5) OCCUPATIONS				
034 DIAMOND DRILL OPTR (100%)		036 CONTINUOUS MINER OPTR (100%)		(6) LOCATIONS 002 UNDERGROUND SHOP (96%)
048 ROOF BOLTER MOUNTED (100%)		053 UTILITY MAN (100%)		
079 CRUSHER OPTR (100%)		279 HAMMER MILL OPTR (100%)		
367 SHOVEL OPTR (100%)		368 BULLDOZER OPTR (100%)		
375 ROAD GRADER OPTR (100%)		376 TRUCK DRIVER (98%)		
379 DRYER OPTR; KILN OPTR (73%)		387 ROTARY BUCKET EXCAVATOR OPTR (100%)		
389 FORKLIFT OPTR (93%)		393 WEIGHMAN; SCALE MAN (33%)		
413 JANITOR (12%)		416 SALVAGE CREW (33%)		
456 ENGINEER; TECHNICAL SERVICES (39%)		488 DRY SCREENING PLANT OPTR (100%)		
513 BLDG REPAIR AND MAINTENANCE (58%)		514 LABORATORY TECHNICIAN (18%)		
579 SLURRY, MIXING OR PUMPING WRKR (76%)		588 SIZING AND WASHING OPNS WRKR (100%)		
601 CONVEYOR BELT CREW (100%)		602 ELECTRICIAN (84%)		
604 MECHANIC (48%)		609 SUPPLY MAN; NIPPER (100%)		
613 CLEANUP MAN (93%)		614 SAMPLER; DUST SAMPLER (100%)		
616 LABORER; BULLGANG (62%)		618 GREASER; OILER (63%)		
619 WELDER (15%)		623 SURVEYOR; TRANSIT MAN (60%)		
634 ROTARY DRILL OPTR (100%)		649 ADMN, SUPERVISORY, MGT PERSNL (71%)		

(CONTINUED NEXT PAGE)

PHYSICAL AGENT CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

PHYSICAL AGENT CONDITION -----	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(6) LOCATIONS -----
	766	766	57	
WHOLE BODY VIBRATION (CONTINUED)				
(5) OCCUPATIONS -----				
668 TRACTOR OPTR (100%)		674 WAREHOUSEMAN; SUPPLY HANDLER (38%)		004 SURFACE MINE (69%)
679 FLOTATION/CONCTR OPTR (70%)		728 COMPLETE LOAD/HAUL/DUMP CYCLE (100%)		006 SURFACE CRUSHING (100%)
763 SHAFT REPAIRER (100%)		782 FRONT-END LOADER OPTR (100%)		005 SURFACE SHOP (38%)
804 PLUMBER; PIPE FTR; MILLWRT (55%)		807 POWDER GANG; BLASTER (33%)		010 SURFACE MILL (84%)
825 BOBCAT OPTR (100%)		879 BAGGING OR PACKING WRKR (97%)		009 SURFACE MISC (55%)
921 HOIST OPTR (67%)		930 SKIP TENDER (100%)		001 UNDERGROUND MINE (100%)

TABLE 6, PAGE 1 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

MUSCULOSKELETAL OVERLOAD CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(5) OCCUPATIONS	(6) LOCATIONS
MUSCULOSKELETAL CONDITION	258	258	19		
AWKWARD LIFTING					
				034 DIAMOND DRILL OPTR (100%)	001 UNDERGROUND MINE (24%)
				048 ROOF BOLTER MOUNTED (100%)	005 SURFACE SHOP (15%)
				279 HAMMER MILL OPTR (100%)	010 SURFACE MILL (32%)
				379 DRYER OPTR; KILN OPTR (20%)	009 SURFACE MISC (26%)
				389 FORKLIFT OPTR (47%)	
				413 JANITOR (88%)	
				513 BLDG REPAIR AND MAINTENANCE (47%)	
				579 SLURRY, MIXING OR PUMPING WRKR (35%)	
				602 ELECTRICIAN (7%)	
				613 CLEANUP MAN (67%)	
				619 WELDER (4%)	
				649 ADMN, SUPERVISORY, MGT PERSNL (1%)	
				674 WAREHOUSEMAN; SUPPLY HANDLER (81%)	
				804 PLUMBER; PIPE FTR; MILLWRT (13%)	
				825 BOBCAT OPTR (100%)	
				921 HOIST OPTR (33%)	
				035 CONTINUOUS MINER HELPER (100%)	
				079 CRUSHER OPTR (100%)	
				376 TRUCK DRIVER (2%)	
				387 ROTARY BUCKET EXCAVATOR OPTR (100%)	
				393 WEIGHMAN; SCALE MAN (33%)	
				456 ENGINEER; TECHNICAL SERVICES (28%)	
				514 LABORATORY TECHNICIAN (17%)	
				601 CONVEYOR BELT CREW (100%)	
				604 MECHANIC (13%)	
				616 LABORER; BULLGANG (47%)	
				623 SURVEYOR; TRANSIT MAN (60%)	
				660 MACHINIST (33%)	
				679 FLOTATION/CONCTR OPTR (41%)	
				807 POWDER GANG; BLASTER (33%)	
				879 BAGGING OR PACKING WRKR (84%)	

	(5) OCCUPATIONS	(6) LOCATIONS
FOREARM, ARM, AND SHOULDER		
	034 DIAMOND DRILL OPTR (100%)	
	048 ROOF BOLTER MOUNTED (100%)	
	079 CRUSHER OPTR (100%)	
	367 SHOVEL OPTR (100%)	
	375 ROAD GRADER OPTR (100%)	
	379 DRYER OPTR; KILN OPTR (47%)	
	035 CONTINUOUS MINER HELPER (100%)	
	053 UTILITY MAN (100%)	
	279 HAMMER MILL OPTR (100%)	
	368 BULLDOZER OPTR (100%)	
	376 TRUCK DRIVER (100%)	
	385 LAMPMAN (100%)	

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TABLE 6, PAGE 2 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

MUSCULOSKELETAL OVERLOAD CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)
808	808	60

MUSCULOSKELETAL CONDITION
FOREARM, ARM, AND SHOULDER
(CONTINUED)

(5)

OCCUPATIONS

387 ROTARY BUCKET EXCAVATOR OPTR (100%)
393 WEIGHMAN: SCALE MAN (58%)
416 SALVAGE CREW (33%)
488 DRY SCREENING PLANT OPTR (100%)
514 LABORATORY TECHNICIAN (11%)
588 SIZING AND WASHING OPNS WRKR (100%)
602 ELECTRICIAN (65%)
609 SUPPLY MAN; NIPPER (100%)
614 SAMPLER; DUST SAMPLER (71%)
618 GREASER; OILER (88%)
623 SURVEYOR; TRANSIT MAN (40%)
649 ADMN, SUPERVISORY, MGT PERSNL (27%)
668 TRACTOR OPTR (100%)
679 FLOTATION/CONCTR OPTR (35%)
782 FRONT-END LOADER OPTR (100%)
807 POWDER GANG; BLASTER (100%)
879 BAGGING OR PACKING WRKR (94%)
930 SKIP TENDER (100%)

(6)

LOCATIONS

002 UNDERGROUND SHOP (88%)
006 SURFACE CRUSHING (100%)
005 SURFACE SHOP (62%)
004 SURFACE MINE (87%)
010 SURFACE MILL (64%)
009 SURFACE MISC (68%)
001 UNDERGROUND MINE (87%)

DIMINISHED LIGHT

134

134

10

(5)

OCCUPATIONS

034 DIAMOND DRILL OPTR (100%)
048 ROOF BOLTER MOUNTED (100%)
376 TRUCK DRIVER (6%)

(6)

LOCATIONS

036 CONTINUOUS MINER OPTR (100%)
053 UTILITY MAN (100%)
456 ENGINEER; TECHNICAL SERVICES (22%)

(CONTINUED NEXT PAGE)

COMMODITY NAME: BORON MINERALS

5

TABLE 6, PAGE 4 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED
TO BE TRADE SECRET.

MUSCULOSKELETAL OVERLOAD CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

							(6) LOCATIONS		
MUSCULOSKELETAL CONDITION		(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)					
FREQUENT LIFTING		4	4	<1					
(5)									
OCCUPATIONS									
079 CRUSHER OPTR (33%)				601 CONVEYOR BELT CREW (100%)	009 SURFACE MISC (1%)				
HEAVY LIFTING		122	122	9					
(5)									
OCCUPATIONS									
079 CRUSHER OPTR (67%)				279 HAMMER MILL OPTR (100%)	001 UNDERGROUND MINE (7%)				
376 TRUCK DRIVER (2%)				389 FORKLIFT OPTR (47%)	005 SURFACE SHOP (8%)				
513 BLDG REPAIR AND MAINTENANCE (68%)				579 SLURRY, MIXING OR PUMPING WRKR (18%)	010 SURFACE MILL (8%)				
602 ELECTRICIAN (2%)				609 SUPPLY MAN; NIPPER (100%)	009 SURFACE MISC (15%)				
616 LABORER; BULLGANG (43%)				618 GREASER; OILER (8%)					
649 ADMN, SUPERVISORY, MGT PERSNL (1%)				660 MACHINIST (33%)					
674 WAREHOUSEMAN; SUPPLY HANDLER (59%)				679 FLOTATION/CONCTR OPTR (19%)					
807 POWDER GANG; BLASTER (33%)				879 BAGGING OR PACKING WRKR (88%)					
LOWER LIMB		468	468	35					
(5)									
OCCUPATIONS									
035 CONTINUOUS MINER HELPER (100%)				048 ROOF BOLTER MOUNTED (100%)					
053 UTILITY MAN (100%)				079 CRUSHER OPTR (100%)					
279 HAMMER MILL OPTR (100%)				379 DRYER OPTR; KILN OPTR (27%)					
413 JANITOR (88%)				416 SALVAGE CREW (33%)					

(CONTINUED NEXT PAGE)

TABLE 6, PAGE 5 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

MUSCULOSKELETAL OVERLOAD CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(5) OCCUPATIONS	(6) LOCATIONS
MUSCULOSKELETAL CONDITION	468	468	35		
LOWER LIMB (CONTINUED)					
				456 ENGINEER; TECHNICAL SERVICES (6%)	002 UNDERGROUND SHOP (88%)
				514 LABORATORY TECHNICIAN (23%)	005 SURFACE SHOP (26%)
				601 CONVEYOR BELT CREW (100%)	004 SURFACE MINE (25%)
				603 ELECTRICIAN HELPER (100%)	010 SURFACE MILL (39%)
				609 SUPPLY MAN; NIPPER (100%)	009 SURFACE MISC (39%)
				616 LABORER; BULLGANG (64%)	001 UNDERGROUND MINE (68%)
				619 WELDER (73%)	
				634 ROTARY DRILL OPTR (100%)	
				674 WAREHOUSEMAN; SUPPLY HANDLER (22%)	
				804 PLUMBER; PIPE FTR; MILLWRT (59%)	
				825 BOBCAT OPTR (100%)	
				930 SKIP TENDER (100%)	

NECK AND/OR BACK

781 781 58

(5)

OCCUPATIONS

(6)
LOCATIONS

034 DIAMOND DRILL OPTR (100%)	035 CONTINUOUS MINER HELPER (100%)
036 CONTINUOUS MINER OPTR (100%)	048 ROOF BOLTER MOUNTED (100%)
053 UTILITY MAN (100%)	079 CRUSHER OPTR (100%)
279 HAMMER MILL OPTR (100%)	368 BULLDOZER OPTR (100%)
375 ROAD GRADER OPTR (100%)	376 TRUCK DRIVER (100%)
379 DRYER OPTR; KILN OPTR (20%)	387 ROTARY BUCKET EXCAVATOR OPTR (100%)
389 FORKLIFT OPTR (100%)	393 WEIGHMAN; SCALE MAN (58%)
413 JANITOR (100%)	416 SALVAGE CREW (33%)
456 ENGINEER; TECHNICAL SERVICES (11%)	513 BLDG REPAIR AND MAINTENANCE (53%)

(CONTINUED NEXT PAGE)

TABLE 6, PAGE 6 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

MUSCULOSKELETAL OVERLOAD CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)
781	781	58

MUSCULOSKELETAL CONDITION

NECK AND/OR BACK
(CONTINUED)

(5)

OCCUPATIONS

514 LABORATORY TECHNICIAN (8%)	579 SLURRY, MIXING OR PUMPING WRKR (53%)
601 CONVEYOR BELT CREW (100%)	602 ELECTRICIAN (85%)
604 MECHANIC (51%)	609 SUPPLY MAN; NIPPER (100%)
613 CLEANUP MAN (100%)	614 SAMPLER; DUST SAMPLER (71%)
616 LABORER; BULLGANG (72%)	618 GREASER; OILER (67%)
619 WELDER (100%)	623 SURVEYOR; TRANSIT MAN (40%)
634 ROTARY DRILL OPTR (100%)	649 ADMN, SUPERVISORY, MGT PERSNL (33%)
660 MACHINIST (33%)	668 TRACTOR OPTR (100%)
674 WAREHOUSEMAN; SUPPLY HANDLER (63%)	679 FLOTATION/CONCTR OPTR (35%)
728 COMPLETE LOAD/HAUL/DUMP CYCLE (100%)	763 SHAFT REPAIRER (100%)
782 FRONT-END LOADER OPTR (100%)	804 PLUMBER; PIPE FTR; MILLWRT (99%)
807 POWDER GANG; BLASTER (100%)	825 BOBCAT OPTR (100%)
879 BAGGING OR PACKING WRKR (88%)	921 HOIST OPTR (100%)

(6)

LOCATIONS

002 UNDERGROUND SHOP (88%)
001 UNDERGROUND MINE (95%)
006 SURFACE CRUSHING (100%)
005 SURFACE SHOP (53%)
004 SURFACE MINE (79%)
010 SURFACE MILL (58%)
009 SURFACE MISC (70%)

PRONE OR SUPINE LYING

98

98

7

(5)

OCCUPATIONS

513 BLDG REPAIR AND MAINTENANCE (21%)	604 MECHANIC (79%)
618 GREASER; OILER (21%)	619 WELDER (88%)
649 ADMN, SUPERVISORY, MGT PERSNL (2%)	

(6)

LOCATIONS

002 UNDERGROUND SHOP (88%)
010 SURFACE MILL (1%)
004 SURFACE MINE (12%)
005 SURFACE SHOP (22%)
009 SURFACE MISC (1%)

TABLE 6, PAGE 7 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

MUSCULOSKELETAL OVERLOAD CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

MUSCULOSKELETAL CONDITION				COMMODITY NAME: BORON MINERALS			
				(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	
STANDING				37	37	3	
(5) OCCUPATIONS							
034 DIAMOND DRILL OPTR (100%)						048 ROOF BOLTER MOUNTED (100%)	
514 LABORATORY TECHNICIAN (26%)						616 LABORER; BULLGANG (2%)	
649 ADMN, SUPERVISORY, MGT PERSNL (1%)							
				35	35	3	(6) LOCATIONS
001 UNDERGROUND MINE (16%)							
005 SURFACE SHOP (<1%)							
009 SURFACE MISC (3%)							
SITTING							
				35	35	3	(6) LOCATIONS
(5) OCCUPATIONS							
602 ELECTRICIAN (3%)						604 MECHANIC (8%)	
618 GREASER; OILER (17%)						619 WELDER (85%)	
				204	204	15	(6) LOCATIONS
009 SURFACE MISC (1%)							
010 SURFACE MILL (1%)							
004 SURFACE MINE (12%)							
005 SURFACE SHOP (7%)							
WRIST							
				204	204	15	(6) LOCATIONS
(5) OCCUPATIONS							
053 UTILITY MAN (100%)						367 SHOVEL OPTR (100%)	
368 BULLDOZER OPTR (100%)						376 TRUCK DRIVER (75%)	
385 LAMPMAN (100%)						387 ROTARY BUCKET EXCAVATOR OPTR (100%)	
389 FORKLIFT OPTR (7%)						416 SALVAGE CREW (33%)	
456 ENGINEER; TECHNICAL SERVICES (6%)						513 BLDG REPAIR AND MAINTENANCE (100%)	
602 ELECTRICIAN (12%)						603 ELECTRICIAN HELPER (100%)	

(CONTINUED NEXT PAGE)

MUSCULOSKELETAL OVERLOAD CONDITIONS IDENTIFIED ON MINE PROPERTY

COMMODITY NAME: BORON MINERALS

	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	
MUSCULOSKELETAL CONDITION	204	204	15	
WRIST (CONTINUED)				
				(5) OCCUPATIONS
				604 MECHANIC (35%)
				618 GREASER; OILER (33%)
				679 FLOTATION/CONCTR OPTR (8%)
				782 FRONT-END LOADER OPTR (56%)
				807 POWDER GANG; BLASTER (33%)
				616 LABORER; BULLGANG (9%)
				668 TRACTOR OPTR (100%)
				728 COMPLETE LOAD/HAUL/DUMP CYCLE (27%)
				804 PLUMBER; PIPE FTR; MILLWRT (2%)
				921 HOIST OPTR (67%)
				(6) LOCATIONS
				002 UNDERGROUND SHOP (85%)
				010 SURFACE MILL (2%)
				004 SURFACE MINE (53%)
				005 SURFACE SHOP (17%)
				009 SURFACE MISC (6%)

TABLE 7, PAGE 1 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

WELDING POTENTIAL EXPOSURE

COMMODITY NAME: BORON MINERALS

	(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)
WELDING PROCESS	7	7	1

ARC CUTTING

(5)

OCCUPATIONS

619 WELDER (27%)

(6)

LOCATIONS

005 SURFACE SHOP (3%)

ARC WELDING

(5)

OCCUPATIONS

385 LAMPMAN (100%)
604 MECHANIC (28%)
660 MACHINIST (33%)

(6)

LOCATIONS

002 UNDERGROUND SHOP (85%)
004 SURFACE MINE (12%)
005 SURFACE SHOP (6%)

SHIELD METAL ARC WELDING

(5)

OCCUPATIONS

619 WELDER (27%)

(6)

LOCATIONS

004 SURFACE MINE (3%)
005 SURFACE SHOP (16%)
009 SURFACE MISC (13%)
010 SURFACE MILL (18%)

FLUX CORED ARC WELDING

(5)

OCCUPATIONS

619 WELDER (4%)

(6)

LOCATIONS

005 SURFACE SHOP (<1%)

WELDING POTENTIAL EXPOSURE

COMMODITY NAME: BORON MINERALS

		(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)	(6) LOCATIONS
WELDING PROCESS					
ELECTROGAS WELDING		1	1	<1	005 SURFACE SHOP (<1%)
OCCUPATIONS					
619 WELDER (4%)					
SPRAY TRANSFER WELDING		1	1	<1	005 SURFACE SHOP (<1%)
OCCUPATIONS					
660 MACHINIST (17%)					
OXYFUEL GAS CUTTING		72	72	5	005 SURFACE SHOP (16%) 009 SURFACE MISC (4%) 010 SURFACE MILL (8%)
OCCUPATIONS					
604 MECHANIC (43%)			619 WELDER (12%)		
804 PLUMBER; PIPE FTR; MILLWRT (25%)					
PLASMA ARC CUTTING		6	6	<1	005 SURFACE SHOP (1%) 004 SURFACE MINE (3%)
OCCUPATIONS					
619 WELDER (12%)			804 PLUMBER; PIPE FTR; MILLWRT (2%)		

TABLE 7, PAGE 3 NOTE: THIS TABLE DOES NOT CONTAIN DATA CLAIMED TO BE TRADE SECRET.

WELDING POTENTIAL EXPOSURE

COMMODITY NAME: BORON MINERALS

(1) #WORKERS POTENTIALLY EXPOSED (OBSERVED)	(2) #WORKERS POTENTIALLY EXPOSED (PREDICTED)	(3) %WORKERS POTENTIALLY EXPOSED (PREDICTED)
3	3	<1

WELDING PROCESS

ELECTRIC IRON-SOLDERING

(5)

OCCUPATIONS

385 LAMPMAN (100%)

602 ELECTRICIAN (2%)

(6)
LOCATIONS

005 SURFACE SHOP (1%)

TORCH-SOLDERING

(5)

OCCUPATIONS

602 ELECTRICIAN (11%)

616 LABORER; BULLGANG (12%)

604 MECHANIC (28%)

804 PLUMBER; PIPE FTR, MILLWRT (2%)

(6)
LOCATIONS

001 UNDERGROUND MINE (9%)

002 UNDERGROUND SHOP (85%)

009 SURFACE MISC (1%)

005 SURFACE SHOP (1%)

GAS TUNGSTEN ARC SPOT WELDING

(5)

OCCUPATIONS

619 WELDER (15%)

804 PLUMBER; PIPE FTR, MILLWRT (4%)

(6)
LOCATIONS

005 SURFACE SHOP (2%)

004 SURFACE MINE (3%)

009 SURFACE MISC (<1%)