View NSN Online: https://aerobasegroup.com/nsn/5970-00-686-1674

Product ID: THERMALOX 995 MSDS Date:12/01/1990 FSC:5970 NIIN:00-686-1674 MSDS Number: BRLYP === Responsible Party === Company Name: BRUSH WELLMAN INC ELMORE PLANT Address:14710 W PORTAGE RIVER SOUTH RD City:ELMORE State:OH ZIP:43416-9502 Country:US Info Phone Num:419-862-2745 **Emergency Phone Num:4** 19-862-2745(CHEMTREC 800-424-9300) Preparer's Name:MARC KOLANZ CAGE:4B151 === Contractor Identification === Company Name: BRUSH WELLMAN INC. Address:14710 W PORTAGE RIVER S ROAD Box:City:ELMORE State:OH ZIP:43416-9502 Country:US Phone:800-862-4118; -4177 (FAX) CAGE:4B151

Ingred Name:BERYLLIUM OXIDE CAS:1304-56-9 RTECS #:DS4025000 Fraction by Wt: 100% Other REC Limits:NONE SPECIFIED

Ingred Name:BERYLLIUM (SARA III) CAS:7440-4 1-7 RTECS #:DS1750000 Other REC Limits:NONE RECOMMENDED OSHA PEL:2 UG/M3 ACGIH TLV:0.002PPM; A2; 9293

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO Health Hazards Acute and Chronic: ACUTE: SKIN ABRASION MAY CAUSE IRRITATION. DUST MAY CAUSE MECHANICAL IRRITATION OF EYES. CHRONIC: PROLONGED OR REPEATED INHALATION OF HIGH CONCENTRATIONS OF **BERYLLIUM DUS** T MAY CAUSE SERIOUS LUNG DISEA SE (BERYLLIOSIS). PROLONGED OR REPEATEDEXPOSURE HAS THE POTENTIAL FOR CAUSING CANCER. Explanation of Carcinogenicity: BERYLLIUM IS LISTED AS AN ANTICIPATED CARCINOGEN BY NTP AND AS A 2A CARCINOGEN BY IARC. Effects of Overexposure: INHALATION: COUGH, CHEST PAIN, SHORTNESS OF BREATH, WEIGHT LOSS, WEAKNESS, AND FATIGUE. EYES: REDNESS, DISCOMFORT. INGESTED: Medical Cond Aggravated by Exposure: PERSONS WITH IMPAIRED LUNG FUNCTION, AIRWAY DISEASES, OR CON **DITIONS SUCH AS** ASTHMA, BRONCHITIS MAY INCUR FURTHER IMPAIRMENT IF EXCESSIVE CONCENTRATIONS OF DUST OR FUME ARE INHALED.

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE RESPIRATORY SUPPORT AS NEEDED. SEE DOCTOR IF SYMPTOMS PERSIST. EYES: FLUSH WITH LOTS OF WATER, HOLD LIDS OPEN. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. SEE DOCTOR IF IRRITATION PERSISTS. INGESTED: IF CONSCIOUS, GIVE WATER. GET MEDICAL H ELP.

Flash Point:NONE Autoignition Temp:Autoignition Temp Text:NONE Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE. Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL BUNKER GEAR. Unusual Fire/Explosion Hazard:NONE

Spill Release Procedures: MINIMIZE DUST FORMATION. NO SPECIAL PRECAUTIONS UNLESS DUST FORMED; THEN ISO

LATE AND REQUIRE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. VACUUM WITH VACUUM EQUIPPED WITH HEPA FILTER. IF SPILL EXCE EDS RQ, REPORT TO PROPER AUTHORITIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER. Other Precautions:IF DUST IS GENERATED DURING THE USE OR MAINTENANCE OF THIS ITEM, PERIODIC LUNG FUNCTION TESTS, CHEST X-RAYS AND PHYSI

CAL

EXAMS SHOULD BE USED TO MONITOR THE POTENTIAL EFFECTS OF DUST OR FUME EXPOSURE.

Respiratory Protection: IF HIGH CONCENTRATIONS OF DUST IS GENERATED AND ENGINEERING CONTROLS FAIL OR AN EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR WITH HEPA CARTRIDGE. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation: USE ADEQUATE MECHANICAL VENTILATION WITH HEPA FILTRATION IF DUST IS GENERATED DURING REPAIR O

F THIS ITEM.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment: FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT. EYE WASH STATION AVALABLE.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. DO NOT WEAR CONTACT LENSES IF DUSTY CONDITIONS OCCUR.

Supplemental Safety and Health

MSDS PROVIDED FOR ITEM FOR USE IF ITEM HAS TO BE REPAIRED, CUT, OR GROUND. ITEM IS AN ARTICLE UNDER 29 C

FR 1900.1200.

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:4617F,2547C Spec Gravity:2.86 (WATER=1) Solubility in Water:NEGLIGIBLE Appearance and Odor:5/8 INCH DIAMETER WHITE CERAMIC BUSHING. Percent Volatiles by Volume:0

Stability Indicator/Materials to Avoid:YES NONE Stability Condition to Avoid:NONE Hazardous Decomposition Products:NONE

====== Dispo

sal Considerations =================

Waste Disposal Methods:RECYCLE IF POSSIBLE. IF NOT, SEAL IN 2 PLASTIC BAGS, PLACE IN DOT CONTAINER FOR POISON B COMPOUNDS. LABEL W DOT HAZ WARNINGS LABELS & SHIP TO APPROVED HAZ WASTE DISPOSAL SITE.

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