

BRUSH WELLMAN INC ELMORE PLANT -- THERMALOX 995 -- 5970-00-686-1674

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Product Identification  
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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:41  
9-862-2745(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

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Composition/Information on Ingredients  
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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:7440-41

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RTECS #:DS1750000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 UG/M3  
ACGIH TLV:0.002PPM; A2; 9293

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===== Hazards Identification =====

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 DUST MAY CAUSE SERIOUS LUNG DISEASE (BERYLLIOSIS). PROLONGED OR REPEATED EXPOSURE 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 CONDITIONS SUCH AS ASTHMA, BRONCHITIS MAY INCUR FURTHER IMPAIRMENT IF EXCESSIVE CONCENTRATIONS OF DUST OR FUME ARE INHALED.

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===== First Aid Measures =====

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 HELP.

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===== Fire Fighting Measures =====

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

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===== Accidental Release Measures =====

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



al 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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