

VARIAN ASSOCIATES -- TORRSEAL PART B -- 8030-00-998-3321

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Product Identification  
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Product ID:TORRSEAL PART B

MSDS Date:01/01/1987

FSC:8030

NIIN:00-998-3321

Kit Part:Y

MSDS Number: BHFVJ

=== Responsible Party ===

Company Name:VARIAN ASSOCIATES

Address:611 HANSEN WAY

City:PALO ALTO

State:CA

ZIP:94303

Country:US

Info Phone Num:415-493-4000

Emergency Phone Num:415-493-4000

CAGE:99313

=== Co

ntractor Identification ===

Company Name:VARIAN ASSOCIATES INC MICROWAVE POWER TUBE PRODUCT

Address:M/S B050 811 HANSEN WAY

Box:City:PALO ALTO

State:CA

ZIP:94304-1031

Country:US

CAGE:99313

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Composition/Information on Ingredients  
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Ingred Name:DIETHYLENE TRIAMINE

CAS:111-40-0

RTECS #:IE1225000

Fraction by Wt: 12%

OSHA PEL:1 PPM

ACGIH TLV:S, 1 PPM; 9192

Ingred Name:MAGNESIUM SILICATE HYDRATET)

CAS:1343-90-4

RTECS #:OM4360000

Fraction by Wt: 42%

ACGIH TLV:2 MG/M3

Ing

red Name:SILICA  
Fraction by Wt: 15%  
ACGIH TLV:.1 MG/M3

Ingred Name:DIETHYLENETRIAMINE EPICHLOROHYDRIN BIS PHENOL A ADDUCT.  
Fraction by Wt: 30%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:THIS IS A STRONG SENSITIZER. VAPOR MAY CAUSE IRRITATION OF THE LUNGS. NOSE, THROAT, AND EYES. CONTACT MAY CAUSE SKIN AND EYE BURNS. NO KNOW CHRONIC EXPOSURE HAZARDS.  
Effects of Overexposu  
re:VAPOR MAY CAUSE IRRITATION TO LUNGS, NOSE, THROAT, AND EYES. IT MAY CAUSE COUGHING AND SNEEZING. CONTACT MAY CAUSE SKIN AND EYE BURNS.  
Medical Cond Aggravated by Exposure:ANY PRE-EXISTING RESPIRATORY, EYE OR SKIN DISORDER MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:IN CASE OF SKIN CONTACT WASH WITH SOAP AND WATER IMMEDIATELY. IN CASE OF EYE CONTACT FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTE  
S. CONSULT A PHYSICIAN.

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

Flash Point Method:OC  
Flash Point:215F / 101.67C  
Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, OR C02  
Fire Fighting Procedures:USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES AND TO DILUTE SPILL TO NONFLAMMABLE MIXTURE.  
Unusual Fire/Explosion Hazard:CARE MUST BE TAKEN TO PREVENT IGNITION WHEN PROCESSING OR HANDLIN  
G AT TEMPERATURES ABOVE THE FLASH POINT.

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

Spill Release Procedures:SCRAPE UP, TRANSFER TO METAL CONTAINER.

===== Handling and Storage =====

Handling and Storage Precautions:PROTECT FROM PHYSICAL DAMAGE. STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM ANY AREA WHERE FIRE MAY BE ACUTE.  
Other Precautions:AVOID SKIN CONTACT.

===== Exposure Controls/Personal Protection =====

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Respiratory Protection: AIR MASK IF USED IN A CONFINED AREA

Ventilation: TO REMOVE VAPORS AWAY FROM WORKERS. DO NOT RECIRCULATE AIR UNLESS SCRUBBED WITH ACID.

Protective Gloves: RUBBER OR PLASTIC

Eye Protection: GOGGLES WHERE THERE IS DANGER OF SPLASH

Other Protective Equipment: USE OF SKIN CREAM IS RECOMMENDED. EYE WASH STATION SHOULD BE PROVIDED WITHIN IMMEDIATE WORK AREA FOR EMERGENCY USE.

Supplemental Safety and Health

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===== Physical/Chemical Properties ===

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Boiling Pt: B.P. Text: 404F

Melt/Freeze Pt: M.P/F.P Text: NIL

Vapor Pres: