

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

===== Product Identification =====

Product ID:TORRSEAL PART B

MSDS Date:05/20/1986

FSC:8030

NIIN:00-998-3321

Kit Part:Y

MSDS Number: BNWQR

=== 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:7S575

=== Co

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Company Name:VARIAN ASSOCIATES

Address:611 HANSEN WAY

Box:City:PALO ALTO

State:CA

ZIP:94303

Country:US

Phone:415-493-4000

CAGE:7S575

===== Composition/Information on Ingredients =====

Ingred Name:DIETHYLENETRIAMINE

CAS:111-40-0

RTECS #:IE1225000

Fraction by Wt: 12%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:1 PPM

Ingred Name:MAGNESIUM SILICATE HYDRATE

CAS:1343-90-4

RTECS #:OM4360000

Fraction by Wt: 42%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:2 MG

/M3

Ingred Name:SILICA
Fraction by Wt: 15%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:0.1 MG/M3

Ingred Name:DIETHYLENETRIAMINE EPICHLOROHYDRIN BIS PHENOL A ADDUCT
Fraction by Wt: 30%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Health Hazards Acute and Chronic:THIS IS A STRONG SENSITIZER. VAPOR MAY CAUSE IRRITATION OF LUNG, NOSE, THROAT, AND EYES. CONTACT MAY CAUSE SKIN AND EYE BURNS. NO KNOWN CHRONIC EXPOSURE HAZARDS.
Effects of Overexposure: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 PREEXISTING RESPIRATORY, EYE OR SKIN DISORDER MAY BE AT INCREASED RISK FROM EXPOSURE.

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

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

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

Flash Point Method:OC
Flash Point:215F,102C
Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, OR CO2.
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 Haz

ard:CARE MUST BE TAKEN TO PREVENT IGNITION
WHEN PROCESSING OR HANDLING AT TEMPERATURES ABOVE THE FLASH POINT.

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

Spill Release Procedures:SCRAPE UP EXCESS, 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
HAZARD MAY BE ACUTE.

Other Precautions:AVOID SKIN CONTACT.

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

Respiratory Protection:AIR MASK IF USED IN A CONFINED AREA.
Ventilation:LOCAL EXHAUST: TO REMOVE VAPORS AWAY FROM WORKER. SPECIAL:
DO NOT RECIRCULATE AIR UNLESS SCRUBBED WITH ACID.

Protective Gloves:PLASTIC OR RUBBER.

Eye Protection:GOGGLES WHERE THERE IS DANER OF SPLASH.

Other Protective Equipment:USE OF SKIN CREAM IS RECOMMENDED. EYE WASH
STATIONS SHOULD BE PROVIDED WITHIN IMMEDIATE WORK AR

EA FOR
EMERGENCY USE.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:404F,207C
Melt/Freeze Pt:M.P/F.P Text:NIL
Vapor Pres: