

VARIAN ASSOCIATES -- TORRSEAL PART A PN/953-0001 -- 8030-00-998-3321

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Product Identification  
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Product ID:TORRSEAL PART A PN/953-0001

MSDS Date:05/20/1986

FSC:8030

NIIN:00-998-3321

Kit Part:Y

MSDS Number: BPVFS

=== 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:415-49

3-4000

CAGE:06980

=== Contractor Identification ===

Company Name:VARIAN ASSOCIATES INC, VACUUM PRODUCTS DIV

Address:121 HARTWELL AVE

Box:City:LEXINGTON

State:MA

ZIP:02173-3125

Country:US

Phone:617-7200

CAGE:04399

Company Name:VARIAN ASSOCIATES INC EIMAC DIVISION

Address:301 INDUSTRIAL WAY

City:SAN CARLOS

State:CA

ZIP:94070-2603

Country:US

Phone:415-592-1221

CAGE:06980

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Composition/Information on Ingredients  
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Ingred Name:MAGNESIUM SILICATE HYDRATE

CAS:1343-90-4

RTECS

#:OM4360000  
Fraction by Wt: 46%  
Other REC Limits:NONE SPECIFIED  
ACGIH TLV:2 MG/M3

Ingred Name:BIS PHENOL A-EPICHLOROHYDRIN EPOXY RESIN  
Fraction by Wt: 50%  
Other REC Limits:NONE SPECIFIED

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 2%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Health Hazards Acute and Chronic:MAY BE MILDLY IRRITATING TO SKIN.  
Effects of Overexposure:CONTACT WITH SKIN OR EYES MAY CAUSE IRRITATION.  
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:IN CASE OF SKIN CONTACT WASH WITH SOAP AND WATER AT FIRST OPPORTUNITY. IN CASE OF EYE CONTACT FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES.

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

Flash Point Method:COC  
Flash Point:470F,243C  
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SCRAPE UP, TRANSFER TO METAL CONTAINER. SOLVENTS MAY BE NECESSARY TO CLEAN UP STICKY RESIDUE, BUT OBSERVE HEALTH AND FIRE HAZARDS OF SOLVENT.

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

Handling and Storage Precautions:STORE AWAY FROM

OM DIRECT HEAT, WHICH  
MIGHT CAUSE PHYSICAL SEPARATION OF FILLER.

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

Respiratory Protection:NONE REQUIRED  
Ventilation:LOCAL EXHAUST: ONLY IF HEATED  
Protective Gloves:RUBBER/PLASTIC  
Eye Protection:GOGGLES  
Other Protective Equipment:NONE REQUIRED  
Supplemental Safety and Health

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

Melt/Freeze Pt:M.P/F.P Text:0  
Vapor Pres:NIL  
Spec Gravity:1.6  
Evaporation Rate &  
; Reference:>1  
Solubility in Water:INSOLUBLE  
Appearance and Odor:WHITE HIGH VISCOSITY LIQUID, VERY SLIGHT ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Hazardous Decomposition Products:CARBON MONOXIDE, ALDEHYDES  
Conditions to Avoid Polymerization:DO NOT MIX LARGE AMOUNTS OF EPOXY  
RESIN WITH DIETHYLENETRIAMINE W/O RECOGNITION OF DEVELOPMENT OF  
EXOTHERMIC HEAT.

===== Disposal C  
onsiderations =====

Waste Disposal Methods:THIS IS NOT A HAZARDOUS MATERIAL UNDER THE  
RESOURCE CONSERVATION AND RECOVERY ACT.

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