

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

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

Product ID:TORRSEAL PART A

MSDS Date:05/20/1986

FSC:8030

NIIN:00-998-3321

Kit Part:Y

MSDS Number: BNWQQ

=== 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

ntractor Identification ===

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: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 PNENOL A-EPICHLORONYDRIN EPXY 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

=====
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.

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

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

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

Flash Point Method:COC
Flash Point:470F,243C
Extinguishing Media:CO2, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:NONE.
Unusual Fire/Explosion Hazard:NONE.

=====
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.

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

Handling and Storage Precautions:STORE AWAY FROM DIRECT HEAT, WHICH
MIGHT CAUSE PHYSICAL SEPARATION OF FILLER.

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

Respiratory Protection:NONE REQUIRED.
Ventilation:LOCAL EXHAUST: ONLY IF HEATED.
Protective Clothing:

Protective Gloves: RUBBER OR PLASTIC.

Eye Protection: GOGGLES WHERE THERE IS DANGER OF SPLASH.

Other Protective Equipment: NONE REQUIRED.

Supplemental Safety and Health

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

Melt/Freeze Pt: M.P/F.P Text: 0F, -18C

Vapor Pres: NIL

Spec Gravity: 1.6 (WATER=1)

Evaporation Rate & Reference: >1 (BU AC=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: WHITE HIGH VISCOUS 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 WITHOUT RECOGNITION OF DEVELOPMENT OF EXOTHERMIC HEAT.

===== Disposal Considerations =====

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

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.