

VARIAN -- EPK 660 AVARIAN-TORRSEAL EPOXY AA0660-EPK-660 -- 8030-00-998-3321

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Product Identification
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Product ID:EPK 660 AVARIAN-TORRSEAL EPOXY AA0660-EPK-660

MSDS Date:11/10/1993

FSC:8030

NIIN:00-998-3321

Kit Part:Y

MSDS Number: CCJZJ

=== Responsible Party ===

Company Name:VARIAN

Address:121 HEARTWELL AVE.

City:LEXINGTON

State:MA

ZIP:02173

Country:US

Info Phone Num:800-8VARIAN

Emergenc

y Phone Num:800-8VARIAN

CAGE:KO079

=== Contractor Identification ===

Company Name:VARIAN

Address:1678 S PIONEER RD

City:SALT LAKE CITY

State:UT

ZIP:84104-4205

Country:US

Phone:801-972-5000

CAGE:KO079

Company Name:VARIAN ASOCIATES INC, VACUUM PRODUCTS DIV

Address:121 HARTWELL AVE

Box:City:LEXINGTON

State:MA

ZIP:02173-3125

Country:US

Phone:617-7200

CAGE:04399

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Composition/Information on Ingredients
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Ingred Name:SILICA, CRYSTALLINE - QUARTZ GROUP 2A CARCINIGEN PROB.

CARGINIC TO HUMANS BY IARC.
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: .581%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1MG/M3
ACGIH TLV:0.1 MG/M3 RDUST;

Ingred Name:EPOXY RESINS
CAS:25068-38-6
RTECS #:SL6475000
Fraction by Wt: 30-60%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EY
E:MAY BE MODERATELY IRRIT MAY CAUSE

THERMAL BURNS AT HIGH TEMPS. SKIN: MAY BE MODERATELY IRRIT MAY
CAUSE SKIN SENSITIZATION.MAY CAUSE THERMAL BURNS AT HIGH TEMPS.
INGEST: ASSUMED LOW ORDER ACUTE ORAL TOXICITY. INHAL:CHRONIC MAY
CAUSE SCARRING OF LUNGS W/COUGH/SHORTNESS OF BREATH. DELAYED LUNG
INJURY, SILICOSIS-*

Explanation of Carcinogenicity:QUARTZ CRISTYLLINE SYLLICA IS LISTED AS
A GROUP 2 CARCINOGENPROBABLY CARCENOGENIC TO HUMANS BY IARC.

Effects of Overexposure:IRRI

T AS NOTED SKIN SENSITIZATION. ALERGY MAY
BE EVIDENCED BY RASHES ESPECIALY HIVES.

**DISABLING/PROGRESSIVE/SOMETIMES FATAL PULMONARY FIBROSIS (TYPICAL
NODULATION OF LUNGS)

Medical Cond Aggravated by Exposure:PREEXISTING SKIN/EYE DISORDERS MAY
BE AGGRAVATED BY EXPOSURE TO PROD.

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

First Aid:EYE:FLUSH W/WATER FOR 15 MIN HOLDING EYELIDS OPEN GET MED
AID. IF CONTACT W/HOT PROD OCCURS IMMED FLUSH W/COOL WATER 15 M
IN.

GET MED AID. SKIN: REMOVE CONTAM CLOTHES SHOES/WIPE OFF EXCESS FROM
SKIN FLUSH W/WATER FOLLOW BY WASHING W/SOAP &WATER. IF IRRIT
OCCURS GET MED AIDDO NOT REUSE CLOTHES UNTIL CLEANED. CONTAM
LEATHER ART INCL SHOES CANNOT BE DECONTAMINATED DESTROY TO PREVENT
REUSE. ***

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

Flash Point Method:PMCC

Flash Point:480F,249C

Extinguishing Media:WATER FOG, FOAM, DRY CHEM OR CO2.

Fire Fighting Procedures:WILL NOT BU

RN UNLESS PREHEATED. DO NOT ENTER
CONFINED SPACE W/O HELMET/FACE SHIELD/BUNKER COAT/GLOVES/RUBBER
BOOTS/POSITIVE PRESSURE NIOSH APPROVED SCBA.
Unusual Fire/Explosion Hazard:NONE. COOL FIRE EXPOSED CONTNRS W/WATER.

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

Spill Release Procedures:SCRAPE UP & TRANSFER TO METAL CONTNR. WIPE UP
REMAINING RESIDUE W/SOLVENTS OBSERVING SOLVENT FLAMABILITY CAUTIONS
OR USE DETERGENT.

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

Handling and Storage Precautions:STORE IN COOL DRY PLACE W/ADEQUATE
VENT. KEEP AWAY FROM OPEN FLAME, HIGH TEMPERATURE HANDLE IN
ACCORDANCE W/HAZARD POTENTIAL OF CURING AGENTS USED.
Other Precautions:MAY CAUSE IRRIT, AVOID EYE/SKIN CONTACT.

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

Respiratory Protection:NOT ORDINARILY REQ IF RESIN IS WARMED OR HEATED
VAPORS/MISTS MAY BE PRODUCED. IN SUCH CASES USE NIOSH APPROVED
RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:LOCAL EXHAUST RECOMMENDED. MECHANICAL ACCEPTABLE.

Protective Gloves:IMPERVIOUS, PLASTIC, OR RUBBER.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:SAFETY SHOWER, EYEWASH STATION.

Supplemental Safety and Health

NK***IF CONTACT W/HOT PROD OCCURS IMMED FLUSH W/COOL WATER 15
MIN.CAREFULLY REMOVE CLOTHING IF CLOTHING IS STUCK TO BURNED AREA
DONT PULL OFF CUT AROUND.COVER BURN W/CLEAN MTRL.GET MED
AID.INHAL:REMOV E TO FRESH AIR.IF BREATH

DIFF GET MED AID.INGEST:IF

LRG AMT GET MED ADVICE. DR NOTE:EMISIS GENERALLY UNNECESSARY.

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

Boiling Pt:B.P. Text:>500F,>260C

Vapor Pres:NIL

Vapor Density:NA

Spec Gravity:1.57

Evaporation Rate & Reference:NA

Solubility in Water:INSOLUBLE.

Appearance and Odor:WHITE HIGH VISCOSITY LIQ. MILD ODOR.

Percent Volatiles by Volume:0%

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

Stability Indicator/Material

s to Avoid: YES

NK *CONSIDERABLE HEAT IS RELEASED.

Stability Condition to Avoid: CAN REACT VIGOROUSLY W/STRONG OXIDIZING
AGENTS & STRONG LEWIS OR MINERAL ACIDS IN REACTIONS W/MANY CURING
AGENTS *

Hazardous Decomposition Products: CARBON MONOXIDE, ALDEHYDES, ACIDS &
HEAT.

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

Waste Disposal Methods: CLEAN UP AND DISPOSAL SHOULD BE IN ACCORDANCE
W/FEDERAL.STATE/LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

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