

POLYMERIC SYSTEMS, INC. -- PSI-601 SILICONE SEALANT -- 8040-01-010-8758

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Product Identification
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Product ID:PSI-601 SILICONE SEALANT
MSDS Date:12/14/1990
FSC:8040
NIIN:01-010-8758
Kit Part:Y
MSDS Number: BMQKF
=== Responsible Party ===
Company Name:POLYMERIC SYSTEMS, INC.
Address:WHEATLAND & MASON STREETS
City:PHOENIXVILLE
State:PA
ZIP:19460
Country:US
Info Phone Num:215-935-1170
Emerg
ency Phone Num:215-935-1170
Preparer's Name:ED CLUFF
CAGE:0KND3
=== Contractor Identification ===
Company Name:POLYMERIC SYSTEMS, INC.
Address:723 WHEATLAND STREET
Box:City:PHOENIXVILLE
State:PA
ZIP:19460
Country:US
Phone:610-935-1170
CAGE:0KND3

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Composition/Information on Ingredients
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Ingred Name:METHYLTRIACTOXYSILANE
CAS:4253-34-3
RTECS #:VV4500000
Fraction by Wt: 2-6%
Other REC Limits:NONE SPECIFIED

Ingred Name:ETHYLTRIACTOXYSILANE
CAS:17689-77-9
Fraction by Wt

: 2-6%
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 0.4 LBS/GAL; 40 GRAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 6.5 LBS/GAL; 780 GRAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: SEVERE IRRITATION TO
RESPIRATORY TRACT, PUL
MONARY EDEMA, EYE LACRIMATION, CORNEAL EDEMA;
SKIN IRRITATION AND DERMATITIS. CHRONIC: BRONCHITIS, LARYNGITIS;
DERMATITIS; CONJUNCTIVITIS.
Explanation of Carcinogenicity:NOT CARCINOGENIC
Effects of Overexposure:IRRITATION TO SKIN, EYES AND MUCOUS MEMBRANES.
MAY CAUSE DISCOMFORT, TEARING, CHOKING OR BURNING SENSATION.
Medical Cond Aggravated by Exposure:RESPIRATORY, SKIN OR EYE DISEASES.

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

First Aid:REMOVE TO FRESH A
IR. WASH SKIN WITH SOAP AND WATER. FLUSH
EYES WITH WATER FOR AT LEAST 15 MINUTES.

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

Flash Point Method:CC
Flash Point:>400F,>204C
Extinguishing Media:WATER SPRAY, CO2, DRY CHEMICALS, FOAM, SAND
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS
OPERATED IN POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:TOXIC GASES AND AEROSOLS MAY BE PRODUCED
BY COMBUSTION (CO AND SIO2).

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===== Acci

dental Release Measures =====

Spill Release Procedures:MATERIAL RELEASES ACETIC ACID ON EXPOSURE TO AIR. PROVIDE ADEQUATE VENTILATION DURING CLEAN UP. WEAR PROPER PROTECT EQUIPMENT IF HANDLING LARGE AMOUNTS. TRANSFER TO WASTE CONTAINER. LET CURE TO SOLID RUBBER, LET ALL LIBERATED ACETIC ACID DISSIPATE.

Neutralizing Agent:AQUEOUS SODIUM BICARBONATE

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

Handling and Storage Precautions:AVOID PROLONGED SKIN CONTACT.

LIBERATED ACETIC ACID VAPORS CAUSE IRRITATION TO SKIN, EYES AND BRONCHIAL TISSUES. DO NOT INGEST.

Other Precautions:NONE

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

Respiratory Protection:IN CLOSED SPACE WITH INADEQUATE VENTILATION USE CHEMICAL CARTRIDGE RESPIRATOR WITH FULL FACE PIECE & ORGANIC VAPOR CARTRIDGE (NIOSH/MSHA APPROVED) TO PROTECT AGAINST ACETIC ACID VAPORS.

Ventilation:RECOMMENDED 10 AIR CHANGES PER HOUR

Protective Gloves

:DISPOSABLE PLASTIC

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE

Work Hygienic Practices:WASH BEFORE EATING, DRINKING OR SMOKING. DO NOT RUB EYES WHILE WORKING WITH SEALANT.

Supplemental Safety and Health

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

HCC:C3

Decomp Temp:Decomp Text:>752F,>400C

Vapor Pres:< 5 MM

Vapor Density:2.07

Spec Gravity:1.05

pH:3-5

Viscosity:10-20000POISE

Solubility in Water:MODERATE

Appearance and Odor:THICK PASTE, VINEGAR LIKE

ODOR
Percent Volatiles by Volume:4-7

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

Stability Indicator/Materials to Avoid: YES
AVOID PROLONGED CONTACT WITH MOISTURE DURING STORAGE.
Hazardous Decomposition Products: ACETIC ACID FROM MOISTURE CONTACT. CO
AND VOLATILE ORGANICS AND SILICA AEROSOLS FROM THERMAL DEGRADATION.

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

Waste Disposal Methods: NOT AN EPA HAZARDOUS WASTE. DISPOSE OF IN
ACCORDANCE WITH APPROPRIATE GOVERNMENTAL REGULATIONS.

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