

POLYMERIC SYSTEMS, INC. -- PSI-601 SILICONE SEALANT -- 8040-00-877-9872

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Product Identification  
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Product ID:PSI-601 SILICONE SEALANT  
MSDS Date:12/14/1990  
FSC:8040  
NIIN:00-877-9872  
Kit Part:Y  
MSDS Number: BMQHL  
=== 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

===== 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, PULMONARY EDEMA, EYE LACRIMATION, CORNEAL EDEMA;  
SKIN IRRITATION AND DERMATITIS. CHRONIC: BRONCHI  
TIS, 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.

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

First Aid:REMOVE TO FRESH AIR. 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).

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

Spill Release Procedures:MATERIAL RELEASES ACETIC ACI

D 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

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

Handling and Storage Precautions:AVOID PROLONGED SKIN CONTACT. LIBERATED ACETIC ACID VAPORS CAUSE IRRITATION TO SKIN, EYES AND BRONCHIAL T ISSUES. DO NOT INGEST.  
Other Precautions:NONE

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===== 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

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

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

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

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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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