

POLYMERIC SYSTEMS, INC. -- PSI-601 WHITE SILICONE SEALANT -- 8040-01-331-7467

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

Product ID:PSI-601 WHITE SILICONE SEALANT

MSDS Date:12/14/1990

FSC:8040

NIIN:01-331-7467

MSDS Number: BLJZV

=== 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

Emergency Phone Num:215-935-1170

Preparer's Name:ED CLUFF

CAGE:0KND3

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== 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

===== Composition/Information on Ingredients =====

Ingred Name:METHYITRIACETOXYSILANE

CAS:4253-34-3

RTECS #:VV4500000

Fraction by Wt: 2-6%

Other REC Limits:NONE SPECIFIED

OSHA PEL:NIF

ACGIH TLV:NIF

Ingred Name:ETHYLTRACETOXYSILANE

CAS:17689-77-9

Fraction by Wt: 2-6%

Other REC Limits:NONE SPECIFIE

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OSHA PEL:NIF  
ACGIH TLV:NIF

Ingred Name:DIHYDROXYPOLYDIMETHYLSILOXANE  
CAS:70131-67-8  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:NIF  
ACGIH TLV:NIF

Ingred Name:POLYDIMETHYLSILOXANE FLUID  
CAS:63148-62-9  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:NIF  
ACGIH TLV:NIF

Ingred Name:AMORPHOUS SILICA, FUMED  
CAS:112945-52-5  
RTECS #:VV7310000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:80 MG/M3  
ACGIH TLV:NIF

Ingred Name:VOC: LBE/GAL 0.4  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: GRAMS/L  
ITER 40  
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 DERMITITIS. CHRONIC: BRONCHITIS, LARYNGITIS;  
DERMITITIS; CONJUNCTIVITIS.  
Effects of Overexposure:IRRI

TATION TO SKIN, EYES AND MUCOUS MEMBRANES.

MAY CAUSE DISCOMFORT, TEARING, CHOKING OR BURNING SENSATION.

Medical Cond Aggravated by Exposure:RESPIRATORY, SKIN OR EYE DISEASE.

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

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

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

Flash Point Method:CC

Flash Point:>400F,>204C

Autoignition Temp:Aut

oignition Temp Text:NIF

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, E.G. CO AND SIO2

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

Spill Release Procedures:ACETIC ACID ON EXPOSURE TO AIR. PROVIDE ADEQUATE VENTILATION DURING CLEAN UP. WEAR PROPER PROTECTIVE EQUIPMENT IF HANDING LRG AMTS. TRANSFER TO A WASTE CONTAINER. LET CURE TO SOLID RUBBER, ALLOWING AL L LIBERATED ACETIC ACID TO 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 BRONCIAL TISSUES. DO NOT INGEST.

Other Precautions:WASH BEFORE EATING, DRINKING OR SMOKING. DO NOT RUB EYES WHILE WORKING WITH SEALANT.

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

Respiratory Protection:IF USED IN A CLOSED SPACE WHERE VENTILATION IS INADEQUATE USE A CHEMICAL CARTRIDGE RESPIRATOR WITH FULL FACE PIECE AND ORGANIC VAPOR CARTRIDGE(S) (MSHA AND NIOSH APPROVED) TO PROTECT AGAINST ACETIC AC ID VAPORS.

Ventilation:RECOMMENDED 10 AIR CHANGES PER HOUR.

Protective Gloves:DISPOSABLE PLASTIC

Eye Protection:SAFETY GLASSES

Supplemental Safety and H

health

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

HCC:C3  
Decomp Temp:Decomp Text:>752F,>400C  
Vapor Pres:< 5 MM  
Vapor Density:2.07  
Spec Gravity:1.04  
pH:3-5  
Viscosity:10-20,000 P  
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 VOLITILE ORGANICS AND SILICA AEROSOLS FROM THERMAL DEGRADATION.

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

Waste Disposal Methods:NOT AN EPA HAZARDOUS WASTE. DISPOSE OF IN  
ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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