

POLYMERIC SYSTEMS, INC. -- PSI-690 SILICONE SEALANT SL -- 8040-00-880-7332

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

Product ID:PSI-690 SILICONE SEALANT SL
MSDS Date:02/21/1995
FSC:8040
NIIN:00-880-7332
Kit Part:Y
MSDS Number: BZLHT
=== Responsible Party ===
Company Name:POLYMERIC SYSTEMS, INC.
Address:WHEATLAND AND MASON STREETS
City:PHOENIXVILLE
State:PA
ZIP:19460
Country:US
Info Phone Num:215-935-1170
GOVT/RITA 404-331-5855
Emergency 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

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

Ingred Name:METHYLTRACETOXYSILANE
CAS:4253-34-3
RTECS #:VV4500000
Fraction by Wt: 2-6%
Other REC Limits:NONE SPECIFIED
OSHA PEL:NOT EST.
ACGIH TLV:NOT ES

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Ingred Name:ETHYLTRIACETOXYSILANE
CAS:17689-77-9
Fraction by Wt: 2-6%
Other REC Limits:NONE SPECIFIED
OSHA PEL:NOT EST.
ACGIH TLV:NOT EST.

Ingred Name:VOC: 0.4 LB/GL; 40 G/L
RTECS #:9999999VO
Fraction by Wt: NA
Other REC Limits:NONE SPECIFIED
OSHA PEL:NA
ACGIH TLV:NA

Ingred Name:DIHYDROXYPOLYDIMETHYLSILOXANE (NONHAZ)
CAS:70131-67-8
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYDIMETHYL SILOXANE (NONHAZ)
CAS:9016-00-6
RTECS #:TQ2690000
Other REC Limits:NONE RECOMMENDED

Ingred Name:AMO
RPHOUS SILICA, FUMED (NONHAZ)
CAS:112945-52-5
RTECS #:VV7310000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:80 MG/M3
ACGIH TLV:NOT EST

===== 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: BRONCHIT

IS, LARYNGITIS,
DERMATITIS, CONJUNCTIVITIS.

Effects of Overexposure:IRRITATION TO SKIN, EYES AND MUCOUS
MEMBRANES.MAY CAUSE DISCOMFORT, TEARING, CHOKING OR BURNING
SENSATION.

Medical Cond Aggravated by Exposure:RESPIRATORY, EYE AND SKIN
DISORDERS.

===== 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

Extinguishing Media:WATER SPRAY, CO2, DRY CHEMICAL, 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:PRODUCT RELEASES ACETIC ACID WHEN MIX W/AIR.
PROVIDE ADEQUATE VE

NTILATION. WEAR PROPER PROTECTIVE EQUIPMENT IF

HANDLING LARGE AMOUNTS. TRANSFER TO A WASTE CONTAINER. LET CURE TO
SOLID RUBBER, ALLOWING ALL 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
BRONCHIAL TISSUES. DO NOT INGEST.

===== Exposure Cont

rols/Personal Protection =====

Respiratory Protection:IF USED IN CLOSED SPACE WHERE VENTILATION IS INADEQUATE, USE A CHEMICAL CARTRIDGE RESPIRATOR WITH FULL FACE PIECE AND ORGANIC VAPOR CARTRIDGES (NIOSH/MSHA APPROVED) TO PROTECT AGAINST ACETIC ACID VAPO RS.

Ventilation:RECOMMENDED 10 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

KEY1: N1. THIS ENTRY DESCRIBES PART 1 OF A TWO PART KIT. SEE THIS SAME NSN, P/N IND C, FOR PART 2 DATA.

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

HCC:N1

Decomp Temp:Decomp Text:>400F,>204C

Vapor Pres:< 5

Vapor Density:2.07

Spec Gravity:1.04

pH:3-5

Solubility in Water:MODERATE

Appearance and Odor:THICK PASTE, VINEGARLIKE ODOR

Percent Volatiles by Volume:4-7

===== Stability and Reac
tivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID PROLONGED CONTACT WITH MOISTURE DURING STORAGE.

Stability Condition to Avoid:NA

Hazardous Decomposition Products:ACETIC ACID FROM MOISURE 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 GOVERNAMENTAL REGULATIONS.

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