

POLYMERIC SYSTEMS, INC. -- PSI-601 SILICONE SEALANT -- 8040-00-865-8991

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

Product ID:PSI-601 SILICONE SEALANT
MSDS Date:04/02/1997
FSC:8040
NIIN:00-865-8991
Kit Part:Y
MSDS Number: CFDCX
=== Responsible Party ===
Company Name:POLYMERIC SYSTEMS, INC.
Address:723 WHEATLAND STREET
City:PHOENIXVILLE
State:PA
ZIP:19460
Country:US
Info Phone Num:215-935-1170
Emergency Ph
one Num:215-935-1170
Preparer's Name:DAVID CROSSAN
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:METHYLTRIACETOXYSILANE
CAS:4253-34-3
RTECS #:VV4500000
Fraction by Wt: 2-6%
Other REC Limits:NONE SPECIFIED

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

2-6%
Other REC Limits:NONE SPECIFIED

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

Ingred Name:POLYDIMETHYLSILOXANE FLUID
CAS:63148-62-9
Other REC Limits:NONE RECOMMENDED

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

===== 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: BRONCHITIS, LARYNGITIS;
DERMATITIS, CONJUNCTIVITIS.
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.

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

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

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

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Spill Release Procedures:MATERIAL RELEASES ACETIC ACID ON EXPOSURE TO AIR. PROVIDE ADEQUATE VENT DURING CLEAN UP. WEAR PROPER PROTECTIVE EQUIPMENT IF HANDLING LARGE AMOUNTS. TRANSFER TO A WASTE CONTAINER. LET CURE TO SOLID RUBBER, ALLOWING LIBERATED ACETIC ACID TODISSIPATE.

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 TISSUE. 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/NIOSH APPROVED) TO PROTECT AGAINST ACETIC ACID VAPORS.

Ventilation:RECOMMENDED 10 COMPLETE AIR CHANGES PER HOUR.

Protective Gloves:DISPOSABLE PLASTIC

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE

Supplemental Safety and Health

KEY1:C3. THIS ENTRY DESCRIBES PART 1 OF A TWO PART KIT. SEE THIS SAME NSN, P/N IND E OR G, FOR PART 2 DATA.

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

HCC:F4

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:NA

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

Vapor Pres: