

PSI-601 CLEAR SILICONE SEALANT

MSDS Number

BLJQZ

National Stock Number

8040-01-331-7475

Product Name

PSI-601 CLEAR SILICONE SEALANT

Manufacturer

POLYMERIC SYSTEMS INC

Product Identification

Product ID:PSI-601 CLEAR SILICONE SEALANT

MSDS Date:12/14/1990

FSC:8040

NIIN:01-331-7475

MSDS Number: BLJQZ

Responsible Party

POLYMERIC SYSTEMS, INC.

WHEATLAND & MASON STREETS

PHOENIXVILLE , PA 19460

US

Emergency Phone: 215-935-1170

Info Phone: 215-935-1170

Preparer: ED CLUFF

Cage: 0KND3

Contractor

POLYMERIC SYSTEMS, INC.

PHOENIXVILLE, PA 19460

US

610-935-1170

Cage: 0KND3

Ingredients

METHYLTRIACETOXYSILANE

CAS: 4253-34-3

RTECS: VV4500000

Fraction By Weight: 2-6%

OSHA PELNIF

ACGIH TLV: NIF

ETHYLTRIACETOXYSILANE

CAS: 17689-77-9

Fraction By Weight: 2-6%

OSHA PELNIF

ACGIH TLV: NIF

DIHYDROXYPOLYDIMETHYLSILOXANE

CAS: 70131-67-8

Fraction By Weight: NIF

OSHA PELNIF

ACGIH TLV: NIF

POLYDIMETHYLSILOXANE FLUID

CAS: 63148-62-9

OSHA PELNIF

ACGIH TLV: NIF

AMORPHOUS SILICA, FUMED

CAS: 112945-52-5

RTECS: VV7310000

OSHA PEL80 MG/M3

ACGIH TLV: NIF

LBS/GAL 0.4

RTECS: 9999999VO

GRAMS/LITER 40

RTECS: 9999999VO

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion: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, 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, SKIN, OR EYE DISEASES.

First Aid

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

Fire Fighting

Flash Point Method:CC

Flash Point:>400F,>204C

Autoignition Temp:Autoignition 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

Spill Release Procedures:RELEASES ACETIC ACID ON EXPOSURE TO AIR. ADEQUATE VENTILATION DURING CLEAN UP. WEAR PROPER PROTECTIVE EQUIPMENT IF HANDLING LARGE AMOUNTS. TRANDFER TO A WASTE CONTAINER.

LET CURE TO SOLID RUBBER, ALLO WING ALL LIBERATED ACETIC ACID TO DISSIPATE.

Neutralizing Agent:AQUEOUS SODIUM BICARBONATE.

Handling

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

Exposure Controls

Respiratory Protection:IF USED IN 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 ACID VAPORS.

Ventilation:RECOMMENDED 10 AIR CHANGES PER HOUR.

Protective Gloves:DISPOSABLE PLASTIC FREQUENT/PROLONGED

Eye Protection:SAFETY GLASSES

Supplemental Safety and Health

Chemical Properties

HCC:C3

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

Vapor Pres: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

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

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

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