

PSI-601 WHITE SILICONE SEALANT

MSDS Number

BLJZV

National Stock Number

8040-01-331-7467

Product Name

PSI-601 WHITE SILICONE SEALANT

Manufacturer

POLYMERIC SYSTEMS INC

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

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

METHYITRIACETOXYSILANE

CAS: 4253-34-3

RTECS: VV4500000

Fraction By Weight: 2-6%

OSHA PELNIF

ACGIH TLV: NIF

ETHYLTRACETOXYSILANE

CAS: 17689-77-9

Fraction By Weight: 2-6%

OSHA PELNIF

ACGIH TLV: NIF

DIHYDROXYPOLYDIMETHYLSILOXANE

CAS: 70131-67-8

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

LBE/GAL 0.4

RTECS: 9999999VO

GRAMS/LITER 40

RTECS: 9999999VO

Hazards

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:IRRITATION 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

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: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 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 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 ACID VAPORS.
Ventilation:RECOMMENDED 10 AIR CHANGES PER HOUR.
Protective Gloves:DISPOSABLE PLASTIC
Eye Protection:SAFETY GLASSES
Supplemental Safety and Health

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

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 LOCAL, STATE AND FEDERAL REGULATIONS.

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