

PSI-601 SILICONE SEALANT

MSDS Number

BLJKY

National Stock Number

8040-00-902-3871

Product Name

PSI-601 SILICONE SEALANT

Manufacturer

POLYMERIC SYSTEMS INC

Product Identification

Product ID:PSI-601 SILICONE SEALANT

MSDS Date:12/14/1990

FSC:8040

NIIN:00-902-3871

Kit Part:Y

MSDS Number: BLJKY

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%

ETHYLTRIACETOXYSILANE

CAS: 17689-77-9

Fraction By Weight: 2-6%

0.4 LBS/GAL; 40 GRAMS/LITER

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 DERMATITIS. 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
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:MATERIAL RELEASES ACETIC ACID ON EXPOSURE TO AIR. PROVIDE ADEQUATE VENT DURING CLEAN UP. WEAR PROPER PROTECTIVE EQUIP IF HANDLING LARGE AMOUNTS. TRANSFER TO WASTE CONTAINER. LET CURE TO SOLID RUBBER, ALLOWING ALL LIBERATED ACETIC ACID TO DISSIPATE.

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: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 A CID VAPORS.
Ventilation:RECOMMENDED 10 AIR CHANGES PER HOUR.
Protective Gloves:DISPOSABLE PLASTIC
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NONE
Work Hygienic Practices:WASH BEFORE EATING, DRINKING OR SMOKING.
Supplemental Safety and Health
KEY1;C3.

Chemical Properties

HCC:N1
Decomp Temp:Decomp Text:>752F,>400C
Vapor Pres:Vapor Density:2.07
Spec Gravity:1.05
pH:3-5
Viscosity:10-20,000 PSE
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, 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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