

PSI-601 SILICONE SEALANT

MSDS Number

BKHRT

National Stock Number

8040-00-833-9563

Product Name

PSI-601 SILICONE SEALANT

Manufacturer

POLYMERIC SYSTEMS INC

Product Identification

Product ID: PSI-601 SILICONE SEALANT

MSDS Date: 03/15/1989

FSC: 8040

NIIN: 00-833-9563

MSDS Number: BKHRT

Responsible Party

POLYMERIC SYSTEMS, INC.

WHEATLAND & MASON STREETS

PHEONIXVILLE , PA 19460

Emergency Phone: (215) 935-1170

Info Phone: (215) 935-1170

Preparer: E. F. CLUFF

Cage: 0KND3

Contractor

POLYMERIC SYSTEMS, INC.

PHOENIXVILLE, PA 19460

US

610-935-1170

Cage: 0KND3

Ingredients

METHYLTRIACTOXYLANE, ALKYL TRIACETOXY SILANE

CAS: 4253-34-3

RTECS: VV4500000

Fraction By Weight:

ACETIC ACID (SARA III)

CAS: 64-19-7

RTECS: AF1225000

OSHA PEL10 PPM

ACGIH TLV: 10 PPM/15 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: IRRITATION, PAIN, &
SENSITIZATION. EYE: CORNEAL OR CONJUNCTIVAL EDEMA, PAIN, &
LACRYMATION. INHALATION: MUCOUS MEMBRANE IRRITATION, COUGHING,
CHOKING, & HEADACHE. INGESTION: BURNING PAIN IN MOUTH, THROAT, &
ABDOMEN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN: IRRITATION, PAIN, & SENSITIZATION. EYE:
CORNEAL OR CONJUNCTIVAL EDEMA, PAIN, & LACRYMATION. INHALATION:
MUCOUS MEMBRANE IRRITATION, COUGHING, CHOKING, & HEADACHE.
INGESTION: BURNING PAIN IN MOUTH, THROAT, & ABDOMEN.

First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN:
WASH THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR.
GIVE CPR OR OXYGEN IF NEEDED. INGESTION: DRINK LARGE QUANTITIES OF
WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:>400F,>204C

Extinguishing Media:WATER SPRAY, CO2, DRY CHEMICAL, & FOAM.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS
OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CORROSIVE MATERIAL.

Accidental Release

Spill Release Procedures:COVER W/ABSORBENT MATERIAL. LET CURE TO SOLID
RUBBER.

Handling

Handling and Storage Precautions:STORE

Exposure Controls

Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS IN
POSITIVE PRESSURE MODE IF VENTILATION IS INADEQUATE.

Ventilation:MECHANICAL (GENERAL) VENTILATION RECOMMENDED 10 AIR CHANGES
/ HOUR. LOCAL EXHAUST VENTILATION REQUIRED IN CONFINED SPACE

Protective Gloves:DISPOSABLE PLASTIC, RUBBER, NEOPRENE

Eye Protection:SAFETY GLASSES, GOGGLES

Work Hygienic Practices:WASH BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

RELEASES 3% WT ACETIC ACID WHEN EXPOSED TO MOISTURE OR MOIST AIR - ONE
10.3 OZ. CARTRIDGE RELEASES SUFFICIENT ACETIC ACID TO CAUSE THE TLV
TO BE REACHED IN A 15,000 CU/FT SPACE IF THERE IS NO AIR TURN OVER
DURING THE RELEASE PERIOD (>24 HOURS).

Chemical Properties

HCC:F3

Vapor Pres:NIL

Spec Gravity:1-1.3

pH:7

Solubility in Water:NIL

Appearance and Odor:THICK PASTE W/SLIGHT VINEGAR (ACETIC ACID) ODOR.

Percent Volatiles by Volume:

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS & WATER.

Stability Condition to Avoid:MOISTURE & TEMPERATURES >90F.

Hazardous Decomposition Products:ACETIC ACID, CO, & TOXIC FUMES.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &
FEDERAL REGULATIONS. CORROSIVE MATERIAL.

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