

POLYMERIC SYSTEMS, INC. -- PSI-631 SILICONE SEALANT -- 8040-01-275-5052

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Product Identification  
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Product ID:PSI-631 SILICONE SEALANT

MSDS Date:07/31/1990

FSC:8040

NIIN:01-275-5052

MSDS Number: BTSSW

=== Responsible Party ===

Company Name:POLYMERIC SYSTEMS, INC.

Address:WHEATLAND AND MASON STREETS

City:PHOENIXVILLE

State:PA

ZIP:19460

Country:US

Info Phone Num:215-935-1170

Emergency Phone

Num:215-935-1170

Preparer's Name:EDWARD F.CLUFF

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

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Composition/Information on Ingredients  
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Ingred Name:DIHYDROXYPOLYDIMETHYLSILOXANE

CAS:70131-67-8

Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Other REC Limits:NONE

RECOMMENDED  
OSHA PEL:SEE TABLE Z-3  
ACGIH TLV:0.1 MG/M3 RDUST;9394

Ingred Name:DIMETHYL SILOXANE (DOW CORNING 200)  
CAS:63148-62-9  
RTECS #:JT6484500  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA, AMORPHOUS, PRECIPITATED AND GEL  
CAS:112945-52-5  
RTECS #:VV7310000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:6 MG/M3  
ACGIH TLV:10 MG/M3; 9293

Ingred Name:METHYL OXIMINO SILANE  
CAS:22984-54-9  
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYLETHYLKETOXIME  
CAS:29129-02-0  
Fraction by Wt: 4%  
Oth  
er REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:TWA FOR CRYSTALLINE SILICA IS 10MG/M3  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY  
CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY  
CAUSE RESPIRATORY IRRITATION AND CNS DEPRESSION.  
Explanation of Carcinogenicity:CRYSTALLI  
NE SILICA IS POTENTIAL  
CARCINOGEN.  
Effects of Overexposure:INHAL:NARCOTIC EFFECT.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING  
RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE TO THE  
DUST FROM THIS PRODUCT.

===== First Aid Measures =====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND  
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH  
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF N

EEDED.INGEST:GET

PROMPT QUALIFIED MEDICAL ATTENTION. IF CONSCIOUS, INDUCE VOMITING.

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

Flash Point Method: COC

Flash Point: 250F, 121C

Extinguishing Media: WATER, CARBON DIOXIDE, DRY CHEMICAL, SAND, FOAM.

Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard: FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures: LET THE PRODUCT AIR CURE ON AN ABSORBANT. COLLECT AND PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL.

Neutralizing Agent: NONE

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===== Handling and Storage =====

Handling and Storage Precautions: AVOID MOISTURE DURING STORAGE.

Other Precautions: FOLLOW LABEL DIRECTIONS.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN

ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation: LOCAL VENTILATION AT THE WORKSITE; MECHANICAL (GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves: DISPOSABLE PLASTIC

Eye Protection: SAFETY GLASSES

Other Protective Equipment: PROTECTIVE CLOTHING, AS NEEDED. PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices: USE REASONABLE CARE IN HANDLING THIS PRODUCT. WASH HANDS AFTER USE AND BEFORE EATING.

Supplement

al Safety and Health  
NONE

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

HCC:N1

Vapor Pres:1

Spec Gravity:1.3

pH: 7

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in Water:SLIGHT

Appearance and Odor:PASTE;SLIGHT MEDICINAL ODOR.COLOR NOT REPORTED.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

MOISTURE

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Pro

ducts:METHYLETHYLKETOXIME.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.MFR STATES THAT THE CURED PRODUCT CAN BE DISPOSED OF A SYNTHETIC RUBBER SCRAP.

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