

POLYMERIC SYSTEMS INC -- PSI-601 SILICONE SEALANT -- 8040-00-701-9546

===== Product Identification =====

Product ID:PSI-601 SILICONE SEALANT

MSDS Date:03/14/1990

FSC:8040

NIIN:00-701-9546

MSDS Number: BJQFM

=== Responsible Party ===

Company Name:POLYMERIC SYSTEMS INC

Address:732 WHEATLAND ST

City:OHOENIXVILLE

State:PA

ZIP:19460-3394

Country:US

Info Phone Num:610-987-6286

Emergency Phone Num:610-9

87-6286

Preparer's Name:DR. 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

===== Composition/Information on Ingredients =====

Ingred Name:ALKYL TRIACETOXY SILANE(RELEASES ABOUT 3%(WT)ACETIC ACID  
WHEN EXPOSED TO MOISTURE OR AIR-ONE 10.3 OZ CARTRIDGE RELEASES\*

CAS:4253-34-3

RTECS #:VV4500000

Fraction by Wt: < 5%

Ot

her REC Limits:ALSO CAS 17689-77-9

Ingred Name:\*SUFFICIENT ACETIC ACID TO CAUSE TLV TO BE REACHED IN A  
15,000FT 3 SPACE IF THERE IS NO AIR TURNOVER DURING RELEASE PER.  
RTECS #:9999999ZZ  
Other REC Limits:NONE SPECIFIED

Ingred Name:ACETIC ACID (SARA III)  
CAS:64-19-7  
RTECS #:AF1225000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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Hazards Identification  
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Routes of Entry: I  
nhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:MAY CAUSE NERVOUS SYSTEM  
DEPRESSION.POSSIBLE SENSITIZATION.  
Effects of Overexposure:INHALATION:SLIGHT NOSE,THROAT AND RESPIRATORY  
IRRITATION POSSIBLE.EYE CONTACT:IRRITATION. SKIN CONTACT:  
IRRITATION.

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First Aid Measures  
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First Aid:INHALATION:REMOVE TO FRESH AIR. INGESTION: OBTAIN IMMEDIATE  
MEDICAL ATTENTION. SKIN CONTACT:REMOVE CONTAMINATED CLOTHING. WASH  
SKIN THOROUGHLY WITH SOAP AND WATER. EYE CONTACT:FLUSH EYES WITH  
WATER FO R AT LEAST 15 MINUTES.CONSULT PHYSICIAN.

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Fire Fighting Measures  
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Flash Point:52F/11C  
Lower Limits:3.3  
Upper Limits:19  
Extinguishing Media:DRY CHEMICAL, FOAM, CO2 AND SAND.  
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS &  
PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:CO, CO2 AND HCL

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Accidental Release Measures  
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Spill Release Procedures:TAKE UP WITH ABSORBENT MATERIAL (SAWDUST, SAND) AND PLACE IN APPROPRIATE CONTAINER.

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

Handling and Storage Precautions:STORE BELOW 90F.

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

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

Ventilation:GENERAL MECHANICAL RECOMMENDED 10 AIR CHANGES PER HOUR.

LOCAL EXHAUST MAY BE REQUIRED IN CONFINED SPACES.

Protective Gloves:DISPOSABLE PLASTIC,RUBBER OR NEOPRENE

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:NONE

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

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:122F,50C

Vapor Pres:40MM @ 19C

Vapor Density:> 1

Spec Gravity:.80

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

Sol

ubility in Water:YES

Appearance and Odor:CLEAR LIQUID ETHANOL ODOR

Percent Volatiles by Volume:97

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

Stability Indicator/Materials to Avoid:YES

WATER

Stability Condition to Avoid:OPEN FLAME, EXTREME HEAT

Hazardous Decomposition Products:BY FIRE: CO2, CO AND HCL

==== Disposal Considerations =====

Waste Disposal Methods:INCINERATE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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