

POLYMERIC SYSTEMS, INC. -- PSI-690 SILICONE SEALANT -- 8040-00-880-7332

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Product Identification
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Product ID:PSI-690 SILICONE SEALANT

MSDS Date:12/14/1990

FSC:8040

NIIN:00-880-7332

MSDS Number: BKJRF

=== 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 GOVT/RITA 404-3

31-5855

Emergency Phone Num:215-935-1170

Preparer's Name:E. 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:METHYLTRACETOXYSILANE

CAS:4253-34-3

RTECS #:VV4500000

Fraction by Wt: 2-6%

Other REC Limits:NONE SPECIFIED

Ingred Name:ETHYLTRACETOXYSILANE

CAS:17689-77

Fraction by Wt: 2-6%

Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 0.4 LB/GL; 40 G/L

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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Hazards Identification
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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, EYE AND SKIN
DISORDERS.

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First Aid Measures
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First Aid:REMOVE TO FRESH AIR. WASH SKIN WITH SOAP AND WATER. FLUSH
EYES WITH WATER FOR AT LEAST 15 MINUTES.

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Fire Fighting Measur
es
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Flash Point Method:CC

Flash Point:>400F,>204C

Extinguishing Media:WATER SPRAY, CO2, DRY CHEMICAL, 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 (CO AND SIO2).

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Accidental Release Measures
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Spill Release Procedures:PRODUCT RELEASES ACETIC ACID WHEN MIX W/AIR.
PROVIDE ADE

QUATE VENTILATION. WEAR PROPER PROTECTIVE EQUIPMENT IF
HANDLING LARGE AMOUNTS. TRANSFER TO A WASTE CONTAINER. LET CURE TO
SOLID RUBBER, ALLOWING ALL LIBERATED ACETIC ACID TO DISSIPATE.

Neutralizing Agent:AQUEOUS SODIUM BICARBONATE

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

Handling and Storage Precautions:AVOID PROLONGED SKIN CONTACT.
LIBERATED ACETIC ACID VAPORS CAUSE IRRITATION TO SKIN, EYES AND
BRONCHIAL TISSUES. DO NOT INGEST.

===== Expos
ure Controls/Personal Protection =====

Respiratory Protection:IF USED IN CLOSED SPACE WHERE VENTILATION IS
INADEQUATE, USE A CHEMICAL CARTRIDGE RESPIRATOR WITH FULL FACE
PIECE AND ORGANIC VAPOR CARTRIDGES (NIOSH/MSHA APPROVED) TO PROTECT
AGAINST ACETIC ACID VAPO RS.

Ventilation:RECOMMENDED 10 CHANGES PER HOUR.

Protective Gloves:DISPOSABLE PLASTIC.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE

Work Hygienic Practices:WASH BEFORE EATING, DRINKING OR SMOKING. D
O NOT

RUB EYES WHILE WORKING WITH SEALANT.

Supplemental Safety and Health

KEY1: N1. THIS ENTRY DESCRIBES PART 1 OF A TWO PART KIT. SEE THIS SAME
NSN, P/N IND C, FOR PART 2 DATA.

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

HCC:N1

Decomp Temp:Decomp Text:>400F,>204C

Vapor Pres:< 5

Vapor Density:2.07

pH:3-5

Solubility in Water:MODERATE

Appearance and Odor:THICK PASTE, VINEGARLIKE ODOR

Percent Volatiles by Volume:4-7

===== Stability and Reactivity Dat

a =====

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 Considerations =====

Waste Disposal Methods: NOT AN EPA HAZARDOUS WASTE. DISPOSE OF IN
ACCORDANCE WITH APPROPRIATE GOVERNMENTAL REGULATIONS.

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