

POLYMERIC SYSTEMS, INC. -- PSI-601 SILICONE SEALANT -- 8040-00-865-8991

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

Product ID:PSI-601 SILICONE SEALANT
MSDS Date:12/14/1990
FSC:8040
NIIN:00-865-8991
Kit Part:Y
MSDS Number: BMQHH
=== 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 404-331-5855
Emergency Phone Num:215-935-1170
Preparer's Name:ED 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:METHYLTRACETOXYSILANE
CAS:4253-34-3
RTECS #:VV4500000
Fraction by Wt: 2-6%
Other REC Limits:NONE SPECIFIED

Ingred Name:ETHYLTRACETOXYSILANE
CAS:1

7689-77-9

Fraction by Wt: 2-6%

Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 0.4 LBS/GAL; 40 GRAMS/LITER

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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

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 DERM

ATITIS. CHRONIC: BRONCHITIS, LARYNGITIS;

DERMATITIS; CONJUNCTIVITIS.

Explanation of Carcinogenicity:NOT CARCINOGENIC

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 Measures =====

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

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

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 (CO AND SIO2).

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

Spill Release Procedures:MATE

RIAL RELEASES ACETIC ACID ON EXPOSURE TO
AIR. PROVIDE ADEQUATE VENTILATION DURING CLEAN UP. WEAR PROPER
PROTECT EQUIPMENT IF HANDLING LARGE AMOUNTS. TRANSFER TO WASTE
CONTAINER. LET CURE TO SOLID RUBBER, LET ALL LIBERATED ACETIC ACID
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.

Other Precautions:NONE

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

Respiratory Protection:IN CLOSED SPACE WITH INADEQUATE VENTILATION USE
CHEMICAL CARTRIDGE RESPIRATOR WITH FULL FACE PIECE & ORGANIC VAPOR
CARTRIDGE (NIOSH/MSHA APPROVED) TO PROTECT AGAINST ACETIC ACID
VAPORS.

Ventilation:RECOMMENDED 10 AIR CHANGES PER HOUR

Protective Gloves:DISPOSABLE PLASTIC

Eye Protection:SAFETY GLASSES

Other Protective Equipme
nt:NONE

Work Hygienic Practices:WASH BEFORE EATING, DRINKING OR SMOKING. DO NOT
RUB EYES WHILE WORKING WITH SEALANT.

Supplemental Safety and Health

KEY1:C3. THIS ENTRY DESCRIBES PART 1 OF A TWO PART KIT. SEE THIS SAME
NSN, P/N IND B, FOR PART 2 DATA.

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

HCC:N1

Decomp Temp:Decomp Text:>752F,>400C

Vapor Pres:< 5 MM

Vapor Density:2.07

Spec Gravity:1.05

pH:3-5

Viscosity:10-20000POISE

Solubility in Water:MODERATE

Appearance a

nd Odor:THICK PASTE, VINEGAR LIKE ODOR, BLACK
Percent Volatiles by Volume:4-7

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

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 HAZARDOU

S WASTE. DISPOSE OF IN

ACCORDANCE WITH APPROPRIATE GOVERNMENTAL REGULATIONS.

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