

POLYMERIC SYSTEMS, INC -- PSI-690 PRIMER -- 8040-01-116-7851

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

Product ID:PSI-690 PRIMER

MSDS Date:08/26/1993

FSC:8040

NIIN:01-116-7851

MSDS Number: BZLKD

=== Responsible Party ===

Company Name:POLYMERIC SYSTEMS, INC

Address:723 WHEATLAND ST

City:PHOENIXVILLE

State:PA

ZIP:19460

Country:US

Info Phone Num:215-935-1170

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:2-PENTANOL, 4-METHYL-; (METHYL ISOBUTYL CARBINOL)

CAS:108-11-2

RTECS #:SA7350000

Fraction by Wt: 93%

OSHA PEL:S, 25 PPM

ACGIH TLV:S,25 PPM/40STEL

Ingred Name:ETHYL POLYSILICATE

CAS:68412-37-3

Fraction by Wt: 5%

OSH

A PEL:N/K
ACGIH TLV:N/K

Ingred Name:POLY(BUTYLTITANATE); (BUTYL POLYTITANATE)
CAS:9022-96-2
Fraction by Wt: 1%
OSHA PEL:100 PPM
ACGIH TLV:S: 50 PPM CEILING

Ingred Name:VOLATILE ORGANIC COMPOUND:6.5 LB/GAL; 780 G/L
RTECS #:9999999VO
OSHA PEL:N/K
ACGIH TLV:N/K

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
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. SYMPTOMS INCLUDE IRRITATION TO SKIN, EYES AND MUCOUS MEMBRANES. MAY CAUSE DISCOMFORT, TEARING, CHOKING OR BURNING SENSATION. CHRONIC:BRONCHITIS, LARYNGITIS, DERMATITIS; CONJUNCTIVITIS.
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Conditions Aggravated by Exposure:SKIN OR EYE DISEASES.

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

First Aid:INGESTION:CALL MD IMMEDIATELY . INHALATION:REMOVE TO FRESH AIR. SKIN:WASH WITH SOAP AND WATER. EYES:FLUSH 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:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQ

UIPMENT .

Unusual Fire/Explosion Hazard:TOXIC GASES AND AEROSOLS MAY BE PRODUCED BY COMBUSTION, E.G. CO AND SIO*2.

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

Spill Release Procedures:MATERIAL RELEASES ACETIC ACID ON EXPOS TO AIR. PROVIDE ADEQ VENT DURING CLEAN UP. WEAR PROPER PROT EQUIP IF HNDLG LG AMOUNTS. TRANSFER TO A WASTE CONTAINER. LET CURE TO SOLID RUBBER, ALLOWING ALL LIBE RATED ACETIC ACID TO DISSIPATE.

Neutralizing Agent:AQUEOUS SODIUM BICARBO NATE.

===== 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:DO NOT RUB EYES WHILE WORKING WITH SEALANT.

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

Respiratory Protection:IF USED IN A CLOSED SPACE WHERE VENTILATION IS INADEQUATE USE A CHEMICAL CARTRIDGE RESPIRATOR WI TH FULL FACE PIECE AND ORGANIC VAPOR CARTRIDGE(S) (MSHA/NIOSH APPROVED) TO PROTECT AGAINST ACETIC ACID V APORS.

Ventilation:RECOMMENDED 10 AIR CHANGES PER HOUR.

Protective Gloves:DISPOSABLE PLASTIC.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS(SUPDAT)

Other Protective Equipment:ANSI APPROVED EMERGENCY EYE WASH AND DELUGE SHOWER .

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

Supplemental Safety and Health

EYE PROT:AND FULL LENGTH FACE SHIELD .

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= Physical/Chemical Properties =====

Boiling Pt:B.P. Text:270F,132C

Melt/Freeze Pt:M.P/F.P Text:-130F,-90C

Vapor Pres:3.7 @ 20C

Vapor Density:3.5

Spec Gravity:0.80 (H*2O=1)

pH:7

Evaporation Rate & Reference:>1

Solubility in Water:98%

Appearance and Odor:COLORLESS LIQUID WITH A PLEASANT, SWEET ODOR.

Percent Volatiles by Volume:96

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

Stability Indicator/Materials to Avoid:YES

AVOID PROLONGED CONTACT WITH MOISTUR

E DURING STORAGE.

Stability Condition to Avoid:NOT APPLICABLE.

Hazardous Decomposition Products:ACETIC ACID FROM MOISTURE CONTACT. CO
AND VOLATILE ORGANICS AND SILICA AEROSOLS FROM THERMAL DEGRADATION.

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

Waste Disposal Methods:DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL
REGULATIONS . NOT AN EPA HAZARDOUS WASTE. DISPOSE OF IN ACCORDANCE
WITH APPROPRIATE GOVERNMENTAL REGULATIONS.

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