

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

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

Product ID:PSI-690 PRIMER

MSDS Date:06/04/1991

FSC:8040

NIIN:00-880-7332

Kit Part:Y

MSDS Number: BMDST

=== Responsible Party ===

Company Name:POLYMERIC SYSTEMS, INC.

Address:WHEATLAND & MASON STREETS

City:PHOENIXVILLE

State:PA

ZIP:19460

Country:US

Info Phone Num:215-935-1170/215-935-7123 (FAX)

Emergency Phone Num:215-935-1170

Preparer's Name:E F CLUFF

CAGE:0KND3

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= 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:METHYL ISOBUTYL CARBINOL

CAS:108-11-2

RTECS #:SA7350000

Fraction by Wt: 93%

Other REC Limits:NONE SPECIFIED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM

Ingred Name:ETHYL POLYSILICATE

CAS:68412-37-3

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIE

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Ingred Name:BUTYL POLYTITANATE
CAS:9022-96-2
Fraction by Wt: 1%
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 6.5 LBS/GAL
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 780 GRAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EFFECTS OF ACUTE OVEREX
POSURE:
IRRITATION AND ANESTHESIA.
Effects of Overexposure:IRRITATION OF EYES, SKIN AND UPPER RESPIRATORY
TRACT.
Medical Cond Aggravated by Exposure:EYE, SKIN AND RESPIRATORY DISORDERS
MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH WITH SOAP
AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF
BREATHING DIFFICULT. INGESTION: WASH OUT MOUTH W
ITH WATER. CALL A
PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:106F,41C
Lower Limits:1%
Upper Limits:5.5%
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL FOAM.
Fire Fighting Procedures:WEAR SELF-CONTAINED, BREATHING APPARATUS AND
PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.
Unusual Fire/Explosion Hazard:VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO
IGNITION SOURCE AND FLASH BACK.

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

Spill Release Procedures:TAKE UP WITH ABSORBENT MATERIAL. STORE IN APPROPRIATE CONTAINER. AVOID PROLONGED INHALATION OF VAPOR OR CONTACT WITH LIQUID. WASH RESIDUES WITH LARGE AMOUNTS OF WATER.
Neutralizing Agent:WATER

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

Handling and Storage Precautions:AVOID IGNITION SOURCES: FLAME, SPARKS, EXTREME HEAT.
Other Precautions:KEEP CONTAINER TIGHTLY CLOSED.

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

Respiratory Protection:IF LARGE AMOUNTS ARE USED IN A POORLY VENTILATED SPACE, USE A CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES (MISHA AND NIOSH APPROVED) TO PROTECT AGAINST METHYL ISOBUTYL CARBINOL VAPORS.
Ventilation:LOCAL EXHAUST MAY BE REQUIRED IN CLOSED SPACES. RECOMMEND 10 CHANGES PER HOUR.
Protective Gloves:DISPOSABLE PLASTIC
Eye Protection:SAFETY GLASSES
Supplemental Safety and Health

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

HCC:F4
Boiling Pt:B.P. Text:270F,132C
Melt/Freeze Pt:M.P/F.P Text:-130F,-90C
Vapor Pres:3.7MM @20C
Vapor Density:3.5
Spec Gravity:0.80 (WATER=1)
pH:7
Viscosity:2 CPS @ 25 C
Evaporation Rate & Reference:>1 (BU AC=1)
Solubility in Water:98%
Appearance and Odor:COLORLESS LIQUID. PLEASANT, SWEET ODOR.
Percent Volatiles by Volume:96

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

Stability Indicator/Materia

Is to Avoid:YES

ACID CHLORIDES AND OXIDIZING AGENTS.

Stability Condition to Avoid:OPEN FLAMES, SPARKS AND EXTREME HEAT.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
SILICA AND TITANIA FROM COMBUSTION.

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

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

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