

POLYMERIC SYSTEMS, INC. -- PSI-690 PRIMER -- 8040-00-225-4548

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

Product ID:PSI-690 PRIMER

MSDS Date:04/02/1997

FSC:8040

NIIN:00-225-4548

Kit Part:Y

MSDS Number: CFDBL

=== Responsible Party ===

Company Name:POLYMERIC SYSTEMS, INC.

Address:723 WHEATLAND STREET

City:PHOENIXVILLE

State:PA

ZIP:19460

Country:US

Info Phone Num:215-935-1170

Emergency Phone Num:215-935-1170

Preparer's Name:DAVID CROSSAN

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:METHYL ISOBUTYL CARBINOL

CAS:108-11-2

RTECS #:SA7350000

Fraction by Wt: 93.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM

Ingred Name:ETHYL POLYSILICATE

CAS:68412-37-3

Fraction by Wt: 5.0%

Other REC Limits:NONE SPECIFIED

Ingred Name:B

UTYL POLYTITANATE  
CAS:9022-96-2  
Fraction by Wt: 1.0%  
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:ACUTE: IRRITATION AND ANESTHESIA.  
CHRONIC: NONE  
Medical Cond Aggravated by Exposure:EYE, SKIN AND RESPIRATORY  
DISORDERS.

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

F  
irst 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 WITH WATER. CALL A  
PHYSICIAN.

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

Flash Point Method:TCC  
Flash Point:103F,39C  
Lower Limits:1.0  
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 SOURCES AND FLASH BACK.

===== 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.

===== Ha

ndling and Storage =====

Handling and Storage Precautions:AVOID IGNITION SOURCES: FLAME, SPARKS,  
EXTREME HEAT.

Other Precautions:KEEP CONTAINERS 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  
CARTRIDGE(S) (MSHA AND NIOSH APPROVED) TO PROTECT AGAINST METHYL  
ISOBUTYL CARBINOL VAPORS .

Ventilat

ion:LOCAL EXHAUST MAY BE REQUIRED IN CLOSED SPACES. RECOMMEND  
10 CHANGES PER HOUR.

Protective Gloves:DISPOSAL PLASTIC.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NA

Supplemental Safety and Health

NK

===== 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 (WATER=1)

pH:7.0

VOC Grams/Liter:6.5

Viscosity:2 CPS @25C

Evaporation Rate & Refe

rence:>1.0

Solubility in Water:98.0

Appearance and Odor:COLORLESS LIQUID; PLEASANT, SWEET ODOR

Percent Volatiles by Volume:96.0

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

Stability Indicator/Materials 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 =====

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

===== Other Information =====

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