

POLYMERIC SYSTEMS, INC. -- PST-690 PRIMER -- 8040-00-833-9563

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Product Identification  
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Product ID:PST-690 PRIMER

MSDS Date:06/04/1991

FSC:8040

NIIN:00-833-9563

Kit Part:Y

MSDS Number: BLKZG

=== 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)

Emergen

cy 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: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 SPECIFIED

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

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

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

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

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===== 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 WITH WATER. CALL A  
PHYSICIAN.

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===== 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.

===== 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 AMOUNT OF WATER.  
Neutralizing Agent:WATER.

===== Handling 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 CARTRIDGES (NIOSH/MSHA 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

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

HCC:F4  
Boiling Pt:B.P. Text:270F,132C  
Melt/Freeze Pt:M.P/F.P Text:-130F,-90C  
Vapor Pres:3.7 @ 20 C  
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

===== 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 =====

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

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