

POLYMERIC SYSTEMS, INC. -- PST-690 PRIMER -- 8040-00-877-9872

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

Product ID:PST-690 PRIMER

MSDS Date:06/04/1991

FSC:8040

NIIN:00-877-9872

Kit Part:Y

MSDS Number: BLJKS

=== 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

=====  
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 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:GRAMS/LITER 780  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: I  
nhalation: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.

=====  
===== 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.

=====  
===== 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.

U

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 =====

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 by Volum

===== 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.

Disclai

mer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.