

POLYMERIC SYSTEMS, INC. -- PSI-690 PRIMER -- 8040-01-331-7473

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

Product ID:PSI-690 PRIMER

MSDS Date:08/26/1993

FSC:8040

NIIN:01-331-7473

MSDS Number: BTTMY

=== Responsible Party ===

Company Name:POLYMERIC SYSTEMS, INC.

Address:WHEATLAND AND MASON STREETS

City:PHOENIXVILLE

State:PA

ZIP:19460

Country:US

Info Phone Num:215-935-1170 FAX: 215-935-7123

Emergency Phone Nu

m:215-935-1170

Preparer's Name:ED CUFF

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 =====

Ingred Name:METHYL ISOBUTYL CARBINOL

CAS:108-11-2

RTECS #:SA7350000

Fraction by Wt: 93%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 25 PPM

ACGIH TLV:S,25 PPM/40STEL;9394

Ingred Name:ETHYL POLYSI

LICATE  
CAS:68412-37-3  
Fraction by Wt: 5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLY(BUTYLTITANATE)  
CAS:9022-96-2  
Fraction by Wt: 1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:S: 50 PPM CEILING

Ingred Name:VOLATILE ORGANIC CONTENT: 66.5 LBS/GAL (780 GRAMS/LITER)  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP  
:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:IRRITATION AND ANETHESIA. CHRONIC:  
NONE.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:IRRITATION OF EYES, SKIN, AND UPPER RESPIRATORY  
TRACT.  
Medical Cond Aggravated by Exposure:RESPIRATORY, EYES, SKIN DISORDERS  
MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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===== First Aid Measures =====  
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First Aid:INHALED: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING  
DIFFICULT. SKIN: WASH WITH SOAP & WATER. EYES: FLUSH WITH WATER FOR  
15 MINUTES. INGESTED: WASH MOUTH OUT WITH WATER. CALL A PHYSICIAN.

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===== Fire Fighting Measures =====  
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Flash Point Method:TCC  
Flash Point:103F,39C  
Lower Limits:1  
Upper Limits:5.5  
Extinguishing Media:CARBON DIXOIDE, DRY CHEMICAL POWDER, ALCOHOL FOAM.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPAR

ATUS AND

FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO  
IGNITION SOURCE & 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

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

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

Other Precautions:KEEP CONTAINERS TIGHTLY CLOSED. FOR DISPOSAL,  
MATERIAL MAY BE INCINERATED WITH CARE TAKEN TO PREVENT  
ENVIRONMENTAL CONTAMINATION.

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

Respiratory Protection:IF USED IN A CONFINED SPACE WHERE VENTILATION IS  
INADEQUATE; USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR  
CARTIDGE & FULL FACEPIECE.

USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION WITH 10 ROOM CHANGES  
PER HOUR OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:DISPOSABLE PLASTIC

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE.

Work Hygienic Practices:WASH BEFORE EATING, DRINKING, OR SMOKING. DO  
NOT RUB EYES WHILE WORKING WITH SEALANT.

Supplemental Safety and Health

THIS ITEM IS LISTED AS NOT INCLUDED WITH PRODUCT LISTED IN DLSC-TIR FOR  
THIS NSN; HOWEVER DLA-H

MIS UNABLE TO IDENTIFY PROPER NSN. MSDS

ENTERED BY DLA-HMIS UNDER PROJECT FOR GSA.

===== 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 MM HG

Vapor Density:3.5

Spec Gravity:0.8

pH:7

Viscosity:2 CPS

Evaporation Rate & Reference:>1 (METHOD NOT LISTED)

Solubility in Water:APPRECIABLE

Appearance and Odor:COLORLESS LIQUID; PLEASANT SWEET ODOR.

Percent Volatiles by Volume:96

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

Stability Indicator/Materials to Avoid: YES

ACID CHLORIDES & STRONG OXIDIZING AGENTS.

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

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

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. EPA/RCRA WASTE NUMBER D001 MAY APPLY TO  
UNUSED/UNCONTAMINATED PRODUCT.

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