

POLYMERIC SYSTEMS, INC. -- PSI-690 PRIMER -- 8040-00-843-0802

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

Product ID:PSI-690 PRIMER

MSDS Date:08/26/1993

FSC:8040

NIIN:00-843-0802

Kit Part:Y

MSDS Number: BSSJW

=== 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:ED 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: 94%

Other REC Limits:NONE SPECIFIED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM

Ingred Name:ETHYL POLYSILICATE

CAS:68412-37-3

Fraction b

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

Ingred Name:POLYDIMETHYLSILOXANE FLUID
CAS:63148-62-9
Other REC Limits:NONE RECOMMENDED

Ingred Name:AMORPHOUS SILICA, FUMED
CAS:112945-52-5
RTECS #:VV7310000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:80 MG/M3

===== 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:ACUTE: IRRITATION AND ANESTHESIA.
CHRONIC: NONE
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 A
id: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
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.

===== 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
CARTRIDGE(S) (MSHA AND NIOSH APPROVED) TO PROTECT AGAINST METHYL
ISOBUTYL CARBINOL VAPORS .

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

Protective Gloves:DISPOSAL PLASTIC--CONTINUED/EXTENDED USE

Eye Protection:SAFETY GLASSES

Supplemental Safety and Health

KEY1:F4.

===== 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 @ 20C

Vapor Density:3.5

Spec Gravity:0.80 (WATER=1)

pH:7

Viscosity:2 CPS @ 25C

Evaporation Rate & Reference:>1

Solubility in

Water:98%

Appearance and Odor:COLORLESS LIQUID; PLEASANT, SWEET ODOR

Percent Volatiles by Volume:96

===== 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

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

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