

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

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Product Identification
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Product ID:PSI-690 PRIMER

MSDS Date:12/14/1990

FSC:8040

NIIN:00-225-4548

Kit Part:Y

MSDS Number: BLJSM

=== 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

Emergency Phone Num:215-93

5-1170

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

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Composition/Information on Ingredients
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Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 90%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:METHYL ALCOHOL (METHANOL) (SA

RA III)
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 4%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S,200PPM/250STEL
ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL POLYSILICATE
CAS:68412-37-3
Fraction by Wt: 2-4%
Other REC Limits:NONE SPECIFIED
OSHA PEL:NIF
ACGIH TLV:NIF

Ingred Name:VOC: 6.5 LBS/GAL; 780 GRAMS/LITER
RTECS #:9999999VO
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: MUCOUS MEMBRANE IRRITATION,
DROWSINESS, PROSTRATION, NARCOSIS; SKIN IRRITATION; EYE IRRITATION.
CHRONIC: DAMAGE TO LIVER, KIDNEY AND PERIPHERAL & OPTIC
NERVE-JAUNDICE, EDEMA AND LOSS OF VISION.
Effects of Overexposure:IRRITATION OF MUCOUS MEMBRANES, HEADACHE,
DROWSINESS, FATIGUE AND NARCOSIS.
Medical Cond Aggravated by Exposure:EYE, SKIN AND RESPIRA
TORY DISORDERS
AND IMPAIRED LIVER, KIDNEY AND OPTIC & PERIPHERAL NERVE FUNCTIONS
MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. PROVIDE OXYGEN IF BREATHING
IS DIFFICULT. SKIN: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING.
EYE: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.
INGESTION: DO NOT GIVE LIQUIDS IF VICTIM IS UNCONSCIOUS OR DROWSY.
OTHERWISE,

INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:CC

Flash Point:56.0F,13.3C

Autoignition Temp:Autoignition Temp Text:793F

Lower Limits:3.3

Upper Limits:19

Extinguishing Media:WATER SPRAY, CO2, DRY CHEMICALS, FOAM & SAND.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:SMOKE MAY CONTAIN HCL AS WELL AS NORMAL PARTIAL OXIDATION P

RODUCTS OF HYDROCARBON COMBUSTION.

===== 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. STORE IN WELL VENTILATED AREA.

Other Precautions:KEEP CONTAINERS TIGHTLY CLOSED.

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

Respiratory Protection:IF LARGE AMOUNTS ARE USED IN A POORLY VENTILATED CLOSED SPACE, USE A CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE(S) (MSHA AND NIOSH APPROVED) TO PROTECT AGAINST ALCOHOL VAPORS.

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

Protective Gloves:RUBBER OR POLYET
HYLENE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NA

Supplemental Safety and Health

KEY1:F5. KIT CONSISTS OF TWO PARTS. SEE PNI C FOR OTHER PART.

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

HCC:F5

Boiling Pt:B.P. Text:165F,74C

Melt/Freeze Pt:M.P/F.P Text:-130F,-90C

Decomp Temp:Decomp Text:>400F,>204C

Vapor Pres:42 MM HG

Vapor Density:1.8

Spec Gravity:0.80

pH:7

Viscosity:2 CPS @ 20 C

Evaporation Rate & Reference:1.4 VS. BUTYL ACETATE

Solubility in Wate

r:98%

Appearance and Odor:COLORLESS LIQUID; PLEASANT ODOR.

Percent Volatiles by Volume:95

Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES

NONE

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

Hazardous Decomposition Products:BY COMBUSTION: CO, CHL, AEROSOLS OF SILICA & TITANIA, INCOMPLETE COMBUSTION PRODUCTS.

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

Waste Disposal Methods:

INCINERATE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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