

POLYMERIC SYSTEMS, INC. -- PSI-690 PRIMER -- 8040-00-880-7332

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

Product ID:PSI-690 PRIMER

MSDS Date:12/14/1990

FSC:8040

NIIN:00-880-7332

Kit Part:Y

MSDS Number: BKJRG

=== 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 GOVT/RITA 404-331-5855

E

mergency 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: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:ME

THYL ALCOHOL (METHANOL) (SARA 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

Ingred Name:VOC: 6.5 LB/GL; 780 G/L

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====  
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Routes of Entry: Inhalatio

n: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 AND

OPTIC NERVE-JAUNDICE, EDEMA AND LOSS OF VIS ION.

Effects of Overexposure:IRRITATION OF MUCOUS MEMBRANES, HEADACHE,

DROWSINESS, FATIGUE, NARCOSIS.

Medical Cond Aggravated by Exposure:EYE, SKIN AND RESPIRATORY DI

SORDERS

AND IMPAIRED LIVER, KIDNEY AND OPTIC & PERIPHERAL NERVE FUNCTIONS

MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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===== First Aid Measures =====  
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First Aid:INHALE: REMOVE TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS

DIFFICULT. SKIN: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING.

EYE: FLUSH WITH WATER FOR 15 MIN. GET MEDICAL ATTENTION. INGESTION:

DO NOT GIVE LIQUIDS IF VICTIM IS UNCONSCIOUS OR DROWSY. OTHERWISE,

INDUCE VOMITI

NG. 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:19.0

Extinguishing Media:DRY CHEMICAL, FOAM, CO2, SAND, WATER SPRAY.

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 PRODUCTS OF HYD  
ROCARBON 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.

===== 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 CARTRIDGES (NIOSH/MSHA APPROVED) TO PROTECT AGAINST ALCOHOL  
VAPORS.

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

Protective Gloves:RUBBER OR POLYETHYLENE

Eye Protection:SAFETY GLASSES

Supplement

al Safety and Health

KEY1: F3. THIS ENTRY DESCRIBES PART 2 OF A TWO PART KIT. SEE THIS SAME  
NSN, P/N IND B, FOR PART 1 DATA.

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

HCC:F2

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

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

Decomp Temp:Decomp Text:>752F,>400C

Vapor Pres:42

Vapor Density:1.8

Spec Gravity:0.80

pH:7

Viscosity:2 CPS

Evaporation Rate & Reference:1.4 (BU AC=1)

Solubility in Water:98%

Appearance and Odor:COLORLESS LIQUID, PLEASANT  
ODOR

Percent Volatiles by Volume:95

===== 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, HCL, AEROSOLS OF  
SILICA & TITANIA, INCOMPLETE COMBUSTION PRODUCTS.

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

Waste Disposal Methods:INCINERATE IN ACCORDANCE WITH FEDERAL, STATE AND  
LOCAL REGULA

TIONS. EPA HAZARDOUS WASTE: D001.

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