

POLYMERIC SYSTEMS, INC -- PSI-690 PRIMER -- 8040-00-902-3871

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

Product ID:PSI-690 PRIMER

MSDS Date:12/14/1990

FSC:8040

NIIN:00-902-3871

Kit Part:Y

MSDS Number: BLJKZ

=== Responsible Party ===

Company Name:POLYMERIC SYSTEMS, INC

Address:WHEATLANT & MASON STREETS

City:PHOENIXVILLE

State:PA

ZIP:19460

Country:US

Info Phone Num:215-935-1170

Emergency 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:METHYL ALCOHOL (METHANOL) (S

ARA 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 LBS/GAL; 780 GRAMS/LITER  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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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: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, NARCOSIS.  
Medical Cond Aggravated by Exposure:EYE, SKIN AND RESPIRATORY DISORDERS  
AND IMPAIR  
ED 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: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:56.0F,13.3C

Autoignition Temp:Autoignition Temp Text:793 F

Lower Limits:3.3

Upper Limits:19

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 HYDROCARBON COMBUSTION.

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== 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.

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===== 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. RECOMMEND 10 CHANGES PER HOUR.

Protective Gloves:RUBBER OR POLYETHYLENE

Eye Protection:SAFETY GLASSES

Supplemental Safety and Health

KEY1;F3.

===== 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:>752F,>400C

Vapor Pres:42 MM HG

Vapor Density:1.8

Spec Gravity:0.80

pH:7

Viscosity:2 CPS

Evaporation Rate & Reference:1.4 VS. BUTYL ACETATE

Solubility in Water:98%

Appearance and Odor:COLORLESS LIQUID, PLEASANT ODOR.

Percent Volatiles by Volume:95

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

Stabilit

y 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 LOCAL, STATE AND FEDERAL REGULATIONS.

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