

POLYMERIC SYSTEMS, INC. -- PSI-690 PRIMER -- 8040-01-009-1562

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

Product ID:PSI-690 PRIMER

MSDS Date:12/14/1990

FSC:8040

NIIN:01-009-1562

Kit Part:Y

MSDS Number: BJZXL

=== 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: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%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:P

C1400000
Fraction by Wt: 4%
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%

Ingred Name:VOC 6.5 LBS/GL
RTECS #:9999999VO

Ingred Name:VOC 780 G/L
RTECS #:9999999VO

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===== 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:MU
COUS MEMBRANE IRRITATION,
DROWSINESS, PROSTRATION, NARCOSIS; SKIN IRRITATION; EYE IRRITATION.
DAMAGE TO LIVER, KIDNEY AND PERIPHERAL & OPTIC NERVE - JAUNDICE,
EDEMA AND LOSS OF VISION.
Explanation of Carcinogenicity:NO
Effects of Overexposure:IRRITATION OF MUCOUS MEMBRANES, HEADACHE,
DROWSINESS, FATIGUE, NARCOSIS.
Medical Cond Aggravated by Exposure:EYE, SKIN AND RESPIRATORY DISORDERS
AND IMPAIRED LIVER, KIDNEY AND OPTIC AND PERIPHERAL NERVE FUNCTIONS
MAY BE AGGRAVATED BY
EXPOSURE TO THIS PRODUCT.

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===== 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.

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

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Flash Point Method:CC

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.

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

Protective Gloves:RUBBER OR POLYETHYLENE

Eye Protection:SAFETY GLASSES

Supplemental Safety and Health

===== Physical/Chemical Prop

erties =====

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 @ 20 C

Evaporation Rate & Reference:1.4

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

Stability Condition to Avo

id: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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