

POLYMERIC SYSTEMS, INC. -- PSI-690 PRIMER -- 8040-00-851-0211

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

Product ID:PSI-690 PRIMER

MSDS Date:12/14/1990

FSC:8040

NIIN:00-851-0211

Kit Part:Y

MSDS Number: BMQHG

=== 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

Em

ergency 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:ETHANOL

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 90%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

Ingred Name:METHANOL

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

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Ca
rcinogenicity: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 IMPAIRED LIVER, KIDNEY AND OPTIC
& PERIPHERAL NERVE FUNCTIONS
MAY BE AGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

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 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 =====

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: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.

===== Acciden
tal 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 (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

Supplemental Safety and Health

===== Physical

/Chemical Properties =====

HCC:F3

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

Vapor Density:1.8

Spec Gravity:0.80

pH:7

Viscosity:2 CPS @ 20C

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

NO

NE

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 &
LOCAL REGULATIONS.

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