

POLYMERIC SYSTEMS, INC. -- PSI-690 PRIMER -- 8040-00-865-8991

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

Product ID:PSI-690 PRIMER

MSDS Date:12/14/1990

FSC:8040

NIIN:00-865-8991

Kit Part:Y

MSDS Number: BMQHJ

=== 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: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 C

arcinogenicity: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.

=====

==== 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.

==== 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 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

KEY1:F3. THIS ENTRY DESCRIBE

S PART 2 OF A TWO PART KIT. SEE THIS SAME

NSN, P/N IND A, 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 @ 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

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 & LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.