

POLYMERIC SYSTEMS, INC. -- PSI-690 PRIMER -- 8040-01-331-7133

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

Product ID:PSI-690 PRIMER

MSDS Date:02/21/1995

FSC:8040

NIIN:01-331-7133

MSDS Number: BZLNH

=== 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

Emergency Phone Num:215-935-1170

Pre

parer'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 SILICATE

CAS:78-10-4

RTECS #:VV9450000

Fraction by Wt: 3-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT EST.

ACGIH TLV:NOT EST.

Ingred Name:VOC: 0.4 LB/GL; 40 G/L

RTECS #:9999999VO

Other RE

C Limits:NONE SPECIFIED

Ingred Name:DIHYDROXYPOLYDIMETHYLSILOXANE (NONHAZ)

CAS:70131-67-8

Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYDIMETHYL SILOXANE (NONHAZ)

CAS:9016-00-6

RTECS #:TQ2690000

Other REC Limits:NONE RECOMMENDED

Ingred Name:AMORPHOUS SILICA, FUMED (NONHAZ)

CAS:112945-52-5

RTECS #:VV7310000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:80 MG/M3

ACGIH TLV:NOT EST

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

Routes of Entry: Inhalation:YES Skin:YES I

ngestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: IRRITATION OF EYES/MUCOUS

MEMBRANES, HEADACHE. CHRONIC: NO LONG-TERM AFFECTS.

Explanation of Carcinogenicity:EXPLANATION: NO.

Effects of Overexposure:IRRITATION OF EYES, SKIN AND UPPER RESPIRATORY TRACT.

Medical Cond Aggravated by Exposure:EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

=====

First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES. SKIN- WASH WITH SOAP AND WATER. INHALATION-REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. INGESTION-WASH OUT MOUTH WITH WATER. CALL A PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:103F,39C

Lower Limits:1

Upper Limits:5.5

Extinguishing Media:CARBON DIOXIDE,, DRY CHEMICAL POWDER, ALCOHOL FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APP

ARATUS AND

PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

Unusual Fire/Explosion Hazard:VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO  
IGNITION SOURCE AND FLASH BACK.

===== 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 RESIDUE WITH LARGE AMOUNTS OF WATER.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID IGNITION SOURCES: FLAME, SPARKS,  
EXTREME HEAT. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:CONTAINS 1 (N-BUTYL ACETATE=1)

Solubility in Water:98%

Appearance and Odor:COLORLESS LIQUID. PLEASANT, SWEET ODOR.

Percent Volatiles by Volume:96

Corrosion Rate:NIF

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

Stability Indicator/Materials to Avoid:YES

ACID CHLORIDES AND OXIDIZING AGENTS.

Stability Condition to Avo

id:OPEN FLAMES, SPARKS AND EXTREME HEAT.

Hazardous Decomposition Products:ETHYL ALCOHOL FROM MOISTURE CONTACT.

CO & VOLATILE ORGANICS & SILICA AEROSOLS FROM THERMAL DEGRADATION.

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

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

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

This information is formulated for use by elements of the Department  
of Defense

e. 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.