

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

Preparer's Name:E. F. CLUFF

CAGE:0KND3

=== Contractor Identification

n ===

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 REC Limits:NONE SPECIFIED

Ingred Name:DIHYDROXYPOLYDIMETHYLSILOXA

NE (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 Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:N
O
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 APPARATUS 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 Avoid: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.

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