

POLYMERIC SYSTEMS, INC. -- PSI-690 PRIMER -- 8040-00-701-9546

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

Product ID:PSI-690 PRIMER

MSDS Date:04/02/1997

FSC:8040

NIIN:00-701-9546

Kit Part:Y

MSDS Number: CFDCH

=== Responsible Party ===

Company Name:POLYMERIC SYSTEMS, INC.

Address:723 WHEATLAND STREET

City:PHOENIXVILLE

State:PA

ZIP:19460

Country:US

Info Phone Num:215-935-1170

Emergency Phone Num:215-935-117

0

Preparer's Name:DAVID CROSSAN

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:METHYL ISOBUTYL CARBINOL

CAS:108-11-2

RTECS #:SA7350000

Fraction by Wt: 93.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM

Ingred Name:ETHYL POLYSILICATE

CAS:68412-37-3

Fr

action by Wt: 5.0%
Other REC Limits:NONE SPECIFIED

Ingred Name:BUTYL POLYTITANATE
CAS:9022-96-2
Fraction by Wt: 1.0%
Other REC Limits:NONE SPECIFIED

=====
===== 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:ACUTE: IRRITATION AND ANESTHESIA.
CHRONIC: NONE
Medical Cond Aggravated by Exposure:EYE, SKIN AND RESPIRATORY
DISORDERS.

=====
===== 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:1.0
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 SOURCES 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 RESIDUES WITH LARGE AMOUN

TS OF WATER.

Neutralizing Agent:WATER.

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

Handling and Storage Precautions:AVOID IGNITION SOURCES: FLAME, SPARKS,
EXTREME HEAT.

Other Precautions:KEEP CONTAINERS TIGHTLY CLOSED.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF LARGE AMOUNTS ARE USED IN A POORLY VENTILATED
SPACE, USE A CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR
CARTRIDGE(S) (MSHA AND NIOSH APPROVED)

TO PROTECT AGAINST METHYL
ISOBUTYL CARBINOL VAPORS .

Ventilation:LOCAL EXHAUST MAY BE REQUIRED IN CLOSED SPACES. RECOMMEND
10 CHANGES PER HOUR.

Protective Gloves:DISPOSAL PLASTIC.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NA

Supplemental Safety and Health

NK

=====
===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:270F,132C

Melt/Freeze Pt:M.P/F.P Text:-130F,-90C

Vapor Pres:3.7 @ 20C

Vapor Density:3.5

Spec Gravity:0.80 (WATER=1)

pH:7.0

VOC

Grams/Liter:6.5

Viscosity:2 CPS @25C

Evaporation Rate & Reference:>1.0

Solubility in Water:98.0

Appearance and Odor:COLORLESS LIQUID; PLEASANT, SWEET ODOR

Percent Volatiles by Volume:96.0

=====
===== 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:CARBON MONOXIDE, CARBON DIOXIDE,
SILICA AND TITANIA FRO

M COMBUSTION

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

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

===== Other Information =====

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.