

PSI-690 PRIMER

MSDS Number

BLJJX

National Stock Number

8040-00-701-9546

Product Name

PSI-690 PRIMER

Manufacturer

POLYMERIC SYSTEMS INC

Product Identification

Product ID:PSI-690 PRIMER

MSDS Date:12/14/1990

FSC:8040

NIIN:00-701-9546

Kit Part:Y

MSDS Number: BLJJX

Responsible Party

POLYMERIC SYSTEMS, INC.

WHEATLAND & MASON STREETS

PHOENIXVILLE , PA 19460

US

Emergency Phone: 215-935-1170

Info Phone: 215-935-1170

Preparer: ED CLUFF

Cage: 0KND3

Contractor

POLYMERIC SYSTEMS, INC.

PHOENIXVILLE, PA 19460

US

610-935-1170

Cage: 0KND3

Ingredients

ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 90%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

METHYL ALCOHOL (METHANOL) (SARA III)

CAS: 67-56-1

RTECS: PC1400000

Fraction By Weight: 4%

OSHA PELS,200PPM/250STEL

ACGIH TLV: S,200PPM/250STEL; 93

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHYL POLYSILICATE

CAS: 68412-37-3

Fraction By Weight: 2-4%

6.5 LBS/GAL; 780 GRAMS/LITER

RTECS: 9999999VO

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity: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 AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid

First Aid:INHALATION: 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

Flash Point Method:CC
Flash Point:56.0F,13.3C
Autoignition Temp:Autoignition Temp Text:793 F
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

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

Handling and Storage Precautions:AVOID IGNITION SOURCES: FLAME, SPARKS,
EXTREME HEAT. STORE IN WELL-VENTILATED AREA.
Other Precautions:KEEP CONTAINERS TIGHTLY CLOSED.

Exposure Controls

Respiratory Protection:IF LARGE AMOUNTS ARE USED IN A POORLY
VENTILATED, CLOSED SPACE, USE A CHEMICAL CARTRIDGE RESPIRATOR WITH
ORGANIC VAPOR CARTRIDGE(S) (MSHA AND NIOSH 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: F5.

Chemical Properties

HCC: F5
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 MM HG
Vapor Density: 1.8
Spec Gravity: 0.80
pH: 7
Viscosity: @20 C 2 CPS
Evaporation Rate & Reference: 1.4 VS. BUTYL ACETATE
Solubility in Water: 98%
Appearance and Odor: COLORLESS LIQUID, PLEASANT ODOR.
Percent Volatiles by Volume: 95

Stability

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

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

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