

PSI-690 PRIMER

MSDS Number

BJZXL

National Stock Number

8040-01-009-1562

Product Name

PSI-690 PRIMER

Manufacturer

POLYMERIC SYSTEMS INC

Product Identification

Product ID:PSI-690 PRIMER

MSDS Date:12/14/1990

FSC:8040

NIIN:01-009-1562

Kit Part:Y

MSDS Number: BJZXL

Responsible Party

POLYMERIC SYSTEMS, INC.

WHEATLAND & MASON STREETS

PHOENIXVILLE , PA 19460

US

Emergency Phone: 215-935-1170

Info Phone: 215-935-1170

Preparer: E. F. 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%

VOC 6.5 LBS/GL

RTECS: 9999999VO

VOC 780 G/L

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:MUCOUS MEMBRANE IRRITATION, DROWSINESS, PROSTRATION, NARCOSIS; SKIN IRRITATION; EYE IRRITATION. DAMAGE TO LIVER, KIDNEY AND PERIPHERAL & OPTIC NERVE - JAUNDICE, EDEMA AND LOSS OF VISION.

Explanation of Carcinogenicity:NO

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 AND 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.

Neutralizing Agent: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

Chemical Properties

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: 2 CPS @ 20 C

Evaporation Rate & Reference: 1.4

Solubility in Water: 98%

Appearance and Odor: COLORLESS LIQUID; PLEASANT ODOR

Percent Volatiles by Volume: 95

Stability

Stability Indicator/Materials to Avoid: YES

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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