

PSI-690 PRIMER

MSDS Number

BJPXJ

National Stock Number

8040-00-148-7207

Product Name

PSI-690 PRIMER

Manufacturer

POLYMERIC SYSTEMS INC

Product Identification

Product ID:PSI-690 PRIMER

MSDS Date:12/14/1990

FSC:8040

NIIN:00-148-7207

Kit Part:Y

MSDS Number: BJPXJ

Responsible Party

POLYMERIC SYSTEMS, INC.

WHEATLAND & MASON STREETS

PHOENIXVILLE , PA 19460

US

Emergency Phone: 215-935-1170/215-935-7123

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%

OSHA PELNIF

ACGIH TLV: NIF

VOC (LBS/GAL 6.5) (GRAMS/LITER 780)

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 MEMBRANES IRRITATION, DROWSINESS, NARCOSIS, PROSTRATION, IRRITATION OF SKIN AND EYES.

CHRONIC: DAMAGE TO LIVER, KIDNEY AND PERIPHERAL AND OPTIC NERVE.

JAUNDICE, EDEMA AND LOSS OF VISION.

Effects of Overexposure:IRRITATION OF MUCOUS MEMBRANES, HEADACHE, DROWSINESS, FATIGUE AND 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 MIN. 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:793F

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 HC1 AS WELL AS NORMAL PARTIAL OXIDATION PRODUCTS OF HYDROCARBON COMBUSTION.

Accidental Release

Spill Release Procedures:MATERIAL RELEASES ACETIC ACID ON EXPOS TO AIR. PROVIDE GOOD VENTILATION DURING CLEAN UP. WEAR PROPER PROTECTIVE EQUIPMENT IF HANDLING LARGE AMTS. TRANSFER TO A WASTE CONTAINER. LET CURE TO SOLID RUBBE R, ALLOWING ALL LIBERATED ACETIC ACID TO DISSIPATE

Neutralizing Agent:AQUEOUS SODIUM BICARBONATE.

Handling

Handling and Storage Precautions:AVOID PROLONGED SKIN CONTACT. LIBERATED ACETIC ACID VAPORS CAUSE IRRITAION TO SKIN, EYES AND BRONCHIAL TUSSUES.

Other Precautions:DO NOT INGEST.

Exposure Controls

Respiratory Protection: IF USED IN A CLOSED SPACE WHERE VENTILATION IS INADEQUATE USE A CHEMICAL CARTRIDGE RESPIRATOR WITH FULL FACE PIECE AND ORGANIC VAPOR CARTRIDGE(S) (MSHA/NIOSH APPROVED) TO PROTECT AGAINST ACETIC ACID VAPORS.

Ventilation: RECOMMENDED 10 AIR CHANGES PER HOUR.

Protective Gloves: DISPOSABLE PLASTIC FOR PROLONGED OR *

Eye Protection: SAFETY GLASSES.

Other Protective Equipment: *REPEATED USE.

Work Hygienic Practices: WASH BEFORE EATING, DRINKING OR SMOKING. DO NOT RUB EYES WHILE WORKING WITH SEALANT.

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

Vapor Density: 1.8

Spec Gravity: 0.80

pH: 7

Viscosity: 2 CPS

Evaporation Rate & Reference: 1.4 (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

Stability Condition to Avoid: OPEN FLAMES, SPARKS AND EXTREME HEAT.

Hazardous Decomposition Products: BY COMBUSTION: CO HCL, AEROSOLS OF SILICA AND TITANIUM, INCOMPLETE COMBUSTION PRODUCTS.

Disposal

Waste Disposal Methods: NOT AN EPA HAZARDOUS WASTE. DISPOSE OF IN ACCORDANCE WITH APPROPRIATE GOVERNMENTAL REGULATIONS.

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