

EPO-LUX 121 UNIVERSAL

MSDS Number

BRVJP

National Stock Number

8010-00F029034

Product Name

EPO-LUX 121 UNIVERSAL

Manufacturer

STEELCOTE MFG CO

Product Identification

Product ID:EPO-LUX 121 UNIVERSAL

MSDS Date:05/13/1992

FSC:8010

NIIN:00F029034

Kit Part:Y

MSDS Number: BRVJP

Responsible Party

STEELCOTE MFG CO

1 STEELCOTE SQ

ST LOUIS , MO 63102-2920

US

Emergency Phone: 314-771-8053

Info Phone: 314-771-8053

Cage: DO668

Contractor

STEELCOTE MFG CO

ST. LOUIS,, MO 63103

US

(314) 771-8053

Cage: DO668

Ingredients

XYLENE, DIMETHYLBENZENE, XYLOL

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 25-30%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM, SKIN

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

BISPHENOL A DIGLYCIDYL ETHER RESIN, EPOXY RESIN, EPON 820,

CAS: 25068-38-6

RTECS: KD4380000

Fraction By Weight: 45-50%

NONYL PHENOL

CAS: 25154-52-3

RTECS: SM5600000

Fraction By Weight: 1-5%

ETHYL BENZENE

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight: 1-5%

OSHA PEL435 MG/CUM

ACGIH TLV: 434 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC, HIGH FLASH

CAS: 64742-95-6

RTECS: WF3400000

Fraction By Weight: 10-15%

1,2,4-TRIMETHYLBENZENE

CAS: 95-63-6

RTECS: DC3325000

Fraction By Weight: 5-10%

ACGIH TLV: 25 PPM

PROPYLENE GLYCOL METHYL ETHER (1-METHOXY-2-PROPANOL)

CAS: 107-98-2

RTECS: UB7700000

Fraction By Weight: 1-5%

ACGIH TLV: 100 PPM

8.28

RTECS: 9999999WG

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN: CORROSIVE, PHOTSENSITIVITY, & DERMATITIS. EYES: CORROSIVE & CORNEAL INJURY. INHALATION: NOSE, THROAT & RESPIRATORY TRACT IRRITATION, CNS DEPRESSION, PERMANENT BRAIN, NERVOUS SYSTEM DAMAGE, UNCO NSCIOUSNESS & DEATH. INGESTION: CNS DEPRESSION, ASPIRATION HAZARD, CHEMICAL ASTHMA.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN: DEFATTING, DRYING, SWELLING, RASH,

REDNESS. EYES: PAIN, TEARING, REDDENING & SWELLING. INHALATION: RUNNY NOSE, SORE THROAT, COUGHING, CHEST DISCOMFORT, REDUCED LUNG FUNCTION. INGESTION: HEADACHE, DIZZINESS, NAUSEA, INTOXICATION SYMPTOMS, LOSS OF MEMORY/INTELLECTUAL ABILITY/COORDINATION, PAIN, DIARRHEA.

Medical Cond Aggravated by Exposure:SKIN, EYE, & RESPIRATORY DISORDERS. IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS.

First Aid

First Aid:EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WIPE EXCESS FROM SKIN & FLUSH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DON'T INDUCE VOMITING. IF VOMITING SPONTANEOUSLY OCCURS, KEEP HEAD BELOW THE HIPS TO PREVENT ASPIRATION INTO LUNGS. DANGER FROM LUNG ASPIRATION MUST BE WEIGHED AGAINST TOXICITY WHEN CONSIDERING EMPTYING STOMACH. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:TCC

Flash Point:68

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, CO2

Fire Fighting Procedures:WEAR FULL BUNKER GEAR INCLUDING POSITIVE PRESSURE, NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. CLEAR FIRE OF UNPROTECTED PERSONNEL.

Unusual Fire/Explosion Hazard:COOL CLOSED CONTAINERS TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN RUPTURE. VAPORS MAY ACCUMULATE & TRAVEL TO DISTANT IGNITION SOURCES.

Accidental Release

Spill Release Procedures:EVACUATE AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR/PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK. DIKE & CONTAIN. WATER FOG MAY BE USED TO SUPPRESS VAPORS. REMOVE W/VACUUM TRUCKS OR PU MP TO STORAGE/SALVAGE VESSELS. SEE SUPPL.

Handling

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE W/ADEQUATE VENTILATION. DON'T CUT, DRILL, GRIND, OR WELD NEAR CONTAINERS.

Other Precautions:CONTAINERS, EVEN WHEN EMPTY, CAN CONTAIN EXPLOSIVE VAPORS.

Exposure Controls

Respiratory Protection:USE APPROPRIATE NIOSH APPROVED RESPIRATOR WHEN EXPOSURE EXCEEDS TO PEL/TLV. THE DRIED FILM OF THIS PRODUCT MAY BECOME A DUST NUISANCE WHEN REMOVED BY SANDING OR GRINDING.

Ventilation:REQUIRED TO CONTROL VAPOR CONCENTRATIONS- AT LEAST 10 AIR CHANGES PER HOUR ARE RECOMMENDED.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES, GOGGLES OR SPLASH SHIELD

Other Protective Equipment:EYE WASH FOUNTAIN, SAFETY SHOWER; HELMET, FACE SHIELD, BUNKER COAT WHEN FIGHTING FIRES

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

SPILL: SOAK UP RESIDUE W/ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL. PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH W/WATER TO REMOVE TRACE RESIDUES.

Chemical Properties

Vapor Density:>1

Evaporation Rate & Reference:(ETHER = 1): Percent Volatiles by Volume:56.88

Stability

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS, AMINES, POLYAMINES

Stability Condition to Avoid: HEAT, SPARKS, FLAME, & SOURCES OF IGNITION
Hazardous Decomposition Products: CO₂, CO, & UNIDENTIFIED ORGANIC
COMPOUNDS

Disposal

Waste Disposal Methods: CONTAINERS CAN CONTAIN HAZARDOUS PRODUCT
RESIDUES EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE W/ FEDERAL,
STATE, & LOCAL REGULATIONS. FLAMMABLE LIQUID.

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