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MATERIAL SAFETY DATA SHEET

PREFERRED EPOXY – Clear Poly Glaze, Part A
Product Class: Polyester Polyol

HMIS Codes: H F R P
3 2 1 G

SECTION I – MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: PREFERRED DECK SYSTEMS LLC
ADDRESS: 7534 W. MADISON ST.
TOLLESON, AZ 85353

EMERGENCY PHONE: (602) 909-6199 or (602) 361-8100
INFORMATION PHONE: (888) 440-3320
DATE PRINTED: 11/10/09
NAME OF PREPARER: RUSTY GONZALES

24 HOUR EMERGENCY ASSISTANCE: Chemtrec 1-800-424-9300

SECTION II – HAZARDS INGREDIENTS

REPORTABLE COMPONENTS	CAS#	OSHA PEL	ACGIH TLV
Proplyene Glycol Mono-Methyl Ether Acetate	108-65-6	N/E	N/E
Polyester Polyol	67815-82-1	N/E	N/E

SECTION III – PHYSICAL DATA

Boiling Point: Begins at 280° F
Vapor Pressure: 3.7mm Hg
Vapor Density: Heavier Than Air
Specific Gravity: 1.04
Percent Volatiles: 54%
Solubility in Water: Insoluble
Evaporation Rate: N/A
Appearance: Clear to lightly colored viscous Liquid
Odor: Of Solvent, Fruity,Ester-Like

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point: 122°F SETA flash (ASTM D-3243)

Flammable Limits: % Volume in Air LEL: 1.3 @173°F UEL: 13.1 @ 283°F

Extinguishing media: Dry Chemical, Carbon Dioxide, Foam, Water Spray for Large Fires
Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide
Special Fire Fighting Procedures: Full Emergency Equipment with self-contained breathing apparatus and full protective clothing. During fire, irritating, toxic gas and smoke may be present from decomposition/combustion.
Fire and Explosion Hazards: Closed containers may explode when exposed to extreme heat. Use cold spray to cool fire exposed containers to minimize risk of rupture. Vapors may build-up and travel along the ground to an ignition source which may result in a flash back to the vapor source.

SECTION V – REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Avoid oxidizers

MATERIAL SAFETY DATA SHEET

PREFERRED EPOXY – Clear Poly Glaze, Part A

========== SECTION VI –HEALTH HAZARD DATA ==========

Primary Route of Entry: Dermal, inhalation, eye
Eye Contact: Contact is severely irritating and can cause pain, tearing, redness and swelling. If left untreated, corneal damage can occur. Injury is slow to heal, but damage is usually reversible.
Skin Contact: Repeated or prolonged exposure may result in dry, defatted or cracked skin. Dermatitis and skin rash may occur. May penetrate skin
Inhalation: Vapors are irritating to the eyes, nose, throat and respiratory tract resulting in itchy eyes, dryness of throat and tightness of the chest. Other possible symptoms include headache, nausea, narcosis, fatigue and loss of appetite.
Ingestion: May result in the irritation of the digestive tract. Symptoms include sore throat, abdominal pain, nausea, vomiting and diarrhea.

========== SECTION VII – EMERGENCY FIRST AID PROCEDURES ==========

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open.
Skin: Remove contaminated clothing and wash affected areas with soap and water. Do not reuse clothing until thoroughly cleaned. .
Ingestion: Do not induce vomiting. If vomiting occurs spontaneously keep head below hips to prevent aspiration of liquid into the lungs. Do not give anything by mouth to an unconscious person. Seek medical attention.
Inhalation: Move to an area free from further exposure. Administer oxygen or artificial respiration as needed. Seek medical attention.

========== SECTION VIII – SPECIAL PROTECTION INFORMATION ==========

Respiratory Protection: Avoid prolonged or repeated breathing of vapors. Wear NIOSH approved respirator for organic vapor to prevent overexposure.
Ventilation: Local exhaust ventilation is recommended.
Eye Protection: Wear liquid chemical goggles or full face shield.
Skin Protection: Avoid prolonged or repeated contact with the skin. Permeation resistant gloves (Butyl rubber, or Nitrile rubber). Wear long sleeved and legged garments.

========== SECTION IX – SPILL OR LEAK PROCEDURES ==========

Steps to be taken if material is released or spilled: Remove all sources of ignition. Ventilate area. Equip clean-up crew with appropriate protective gear. Dike spilled material and control further spillage if possible. Cover spill with absorbent material. Collect material in open containers. Flush spill area with water.
Waste Disposal Method: Dispose of material in accordance with all federal, state and local regulations for disposal.
Empty containers must be handled with care due to product residue and combustible solvent vapors.

========== SECTION X – SHIPPING DATA ==========

D.O.T. Shipping Name: Paint Related Material
Technical Shipping Name: Polyester Resin contains Propylene Glycol Monomethyl Ether Acetate
D.O.T. Labels Required: Flammable
Freight Class: 55

UN/NA Number: UN1263
Packing Group: III
D.O.T. Hazard Class: Flammable

ICAO/IATA (Air)
Proper Shipping Name: Paint Related Material
Hazard Class Division Number: 3
UN 1263
Subsidiary Risk: None
Packing Group: III
Hazard Label: Flammable Liquid

MATERIAL SAFETY DATA SHEET

PREFERRED EPOXY – Clear Poly Glaze, Part B
Product Class: Isocyanate Solution

HMIS Codes: H F R P
3 2 1 G

SECTION I – MANUFACTURER IDENTIFICATION

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DATE PRINTED: 11/10/09
NAME OF PREPARER: RUSTY GONZALES

24 HOUR EMERGENCY ASSISTANCE: Chemtrec 1-800-424-9300

SECTION II – HAZARDS INGREDIENTS

REPORTABLE COMPONENTS	Percent	CAS#	OSHA PEL	ACGIH TLV
Proplyene Glycol Mono-Methyl Ether Acetate	5-15	108-65-6	N/E	N/E
Homopolymer of Hexamethylene Diisocyanate	85-95	28182-81-2	N/E	N/E

SECTION III – PHYSICAL DATA

Boiling Point: Begins at 280° F
Vapor Pressure: 3.7mm Hg
Vapor Density: Heavier Than Air
Specific Gravity: 1.09
Percent Volatiles: 5-15
Solubility in Water: Insoluble, but reacts slowly
Evaporation Rate: N/A
Appearance: Pale Yellow Clear Liquid
Odor: Of Solvent, Fruity, Ester-Like

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point: 122°F: Setaflash (ASTM D-3243)
Flammable Limits: % Volume in Air LEL: 1.3 @173°F UEL: 13.1 @ 283°F
Extinguishing media: Foam, Dry Chemical, Carbon Dioxide. Do Not Use Water.
Hazardous Combustion Products: Oxides of Carbon and Nitrogen.
Special Fire Fighting Procedures: Firefighters should wear full emergency equipment with self-contained breathing apparatus. During fires irritating, toxic gases and smoke may be present from decomposition/combustion products.
Fire and Explosion Hazards: Product will burn under fire conditions. Toxic, corrosive fumes may be emitted.

SECTION V – REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Water, strong bases, strong acids, strong oxidizing agents and amines.

SECTION VI –HEALTH HAZARD DATA

Primary Route of Entry: Dermal, inhalation, eye contact
Skin Contact: Isocyanates react with skin protein and moisture and can cause irritation. Symptoms include reddening, swelling, rash, scaling and blistering. Cured material is difficult to remove.
Inhalation: Inhalation of mist can irritate the mucous membrane in the respiratory tract causing runny nose, sore throat, coughing, chest discomfort and shortness of breath. Acute exposure may lead to bronchitis, bronchial spasm or pulmonary edema. These effects are usually reversible.
Ingestion: Can result in irritation and possibly corrosive action in the mouth, stomach tissue and digestive tract.
Chronic Overexposure: May result in isocyanate sensitization.

MATERIAL SAFETY DATA SHEET

PREFERRED EPOXY – Clear Poly Glaze, Part B

SECTION VII – EMERGENCY FIRST AID PROCEDURES

Eyes: Flush eyes with clear water for 15 minutes. Refer individual to a physician for immediate follow-up.
Skin: Remove contaminated clothing immediately. Wash affected areas with soap and water. Wash contaminated clothing thoroughly before reuse. Seek medical attention if irritation develops or persists.
Ingestion: Do not induce vomiting. Give 1 to 2 cups of milk or water to drink. Do not give anything by mouth to an unconscious person. Consult physician.
Inhalation: Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours. Treatment is essentially symptomatic.
Note to Physician: Eyes: Stain for evidence of corneal injury. If cornea is burned, instill antibiotic/steroid preparation frequently. Skin: This product is a known sensitizer. Treat symptomatically as for contact dermatitis or thermal burn. Ingestion: Treat symptomatically no specific antidote. Inhalation: This product is a known pulmonary sensitizer. Treatment is essentially symptomatic. An individual having a sensitization reaction to this material must be removed from any further exposure to any isocyanate.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiratory Protection: A NIOSH approved respiratory for organic vapor should be used. In spray applications a supplied air respirator is recommended.
Ventilation: Possible use precautions as above. .
Eye Protection: Chemical splash goggles or full-face shield.
Skin Protection: Permeation resistant gloves. Cover as much of the exposed skin area as possible with appropriate clothing.

SECTION IX – SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Evacuate non-essential personnel. Remove all sources of ignition. Put on personal protective equipment. Dike spilled material and control further spillage. Pour decontamination solution over spill and allow to react for at least 10 min. Collect material in open containers and further amounts of decontamination solution. Wash down spill area with decontamination solution. Decontamination solutions: Concentrated (3.8%), detergent (2%) and water (90-95%) or Union Carbide's tergitol TMN-10 (20%) and water (80%)
Waste Disposal Method: Waste must be disposed of in accordance with all federal, state and local regulations. Incineration is preferred method. Empty containers will contain product residue. Decontaminate prior to disposal.

SECTION X – SHIPPING DATA

D.O.T. Shipping Name: Paint Related Material
Technical Shipping Name: Tolonate HDB 75BX
D.O.T. Labels Required: Flammable Liquid
Freight Class: 55

UN/NA Number: UN1263
D.O.T. Hazard Class: Flammable Liquid
Packaging Class: III

SECTION XI – DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE THIS INFORMATION IS ACCURATE. HOWEVER, WE DO NOT GUARANTEE ITS ACCURACY AND CANNOT BE LIABLE FOW ANY DAMAGES ACTUAL OR CONSEQUENTIAL WHICH MIGHT FROM RELIANCE THEREON. IF YOU HAVE ANY QUESTIONS REGARDING THIS PRODUCT, PLEASE CONTACT PREFERRED DECK SYSTEMS AT 888.440.3320 AS SOON AS POSSIBLE.