

## MATERIAL SAFETY DATA SHEET

### 1. Product Information

Product Name: Corroless EP, liquid coal tar epoxy—CURING AGENT (Part B)  
 Product Code: LEPTTE01-1 (1 liter kit)  
 LEPTTE01-5 (5 liter kit)  
 Product Grade: Temperate

Emergency Phone No.: 1-800-977-7820

### 2. Hazardous Ingredients

Material	Contents %w/w	Hazard Data
Coal tar; complex mixture of condensed ring hydrocarbons	28 - 30%	PEL: not established TLV: not established
Phenol	2.5 - 3.5%	PEL: not established TLV: not established
Benzyl Alcohol	4.5 - 5.5%	PEL: not established TLV: not established
1,2 Cyclohexane & 1,6 Hexadiazine	5.5 - 6.5%	PEL: not established TLV: not established
1,2 Cyclohexanediamine	2.5 - 3.5%	PEL: not established TLV: not established
1,6 Hexanediamine	5.5 - 6.5%	PEL: not established TLV: not established
2, 4, 6 Tris (Dimethylaminomethyl) Phenol	1 - 2%	PEL: not established TLV: not established

### 3. Physical/Chemical Characteristics

Boiling Point: n/a Vapor Pressure: n/a Vapor Density: > 1.0  
 Specific Gravity: 1.56 Melting Point: n/a Evaporation Rate: > 1.0  
 Solubility in Water: Insoluble  
 Appearance & Odor: Black viscous liquid. Smells of coal tar and amines.

### 4. Fire and Explosion Hazard Data

Flash Point (Method Used): 212° F (100° C) (Pensky Martin Closed Cup)  
 Flammable Limits: n/a LEL: n/a UEL: n/a  
 Extinguishing Media: Alcohol resistant foam; Carbon Dioxide; Powder; water spray or mist/fog; but not water jet.  
 Special Fire Fighting Procedures: Wear self-contained breathing apparatus. Use water fog to cool surrounding areas. Contain run-off using sand/earth, etc. Do not allow run-off to enter drains or watercourses.  
 Unusual Fire and Explosion Hazards: None

### 5. Reactivity Data

Stability: Stable. Conditions to Avoid: Hot, poorly ventilated areas. Open flames.  
 Incompatible Materials: Strong oxidizing agents, acids and alkalis.  
 Hazardous Decomposition Byproducts: Fire will produce dense black fumes and products of combustion: carbon monoxide, carbon dioxide, oxides of nitrogen, ammonia, etc.  
 Hazardous Polymerization: Will not occur.

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**6. Health Hazard Data**

Inhalation? Yes      Skin? Yes      Ingestion? Yes

**Health Hazard (Acute and Chronic):** Corrosive. Irritating to eyes and respiratory system. May cause irritation and sensitization by skin contact. Can cause burns. Possible risk of irreversible effects.

**Carcinogenicity:** NTP? n/a      IARC Monographs? n/a      OSHA Regulated? n/a

**Signs and Symptoms of Exposure:** Redness and irritation to eyes and respiratory system.

Prolonged contact with skin may cause sensitization or burns.

**Medical Conditions Generally Aggravated by Exposure:** May cause dermatitis.

**Emergency and First Aid Procedures:** Inhalation? Remove to fresh air. Apply artificial respiration if unconscious. Seek medical attention. **Eye Contact?** Flush eye with fresh water to 10 minutes.

**Skin?** Wash with warm water and soap. **Ingestion?** Do not induce vomiting. Seek medical attention.

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**7. Precautions for Safe Handling and Use**

**Steps to be taken in Case material is Released or Spilled:** Contain and collect with non-combustible absorbant materials., e.g. sand or earth, etc. Do not allow entering drains or watercourses.

Eliminate sources of ignition. Ventilate the area.

**Waste Disposal Method:** Dispose in accordance with local waste regulations.

**Precautions to be taken in Handling and Storing:**

Store in tightly closed metal containers in a cool, dry place at temperatures between 41° F and 77° F (5° C – 25° C). Ensure storage areas are well ventilated and away from ignition and direct sunlight.

**Other Precautions:**

No smoking. Wear overalls, gloves and goggles when handling. Wear anti-static footwear.

Good work practices should be maintained at all times.

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**8. Control Measures**

**Respiratory Protection:** Use an air-fed mask when spray-applying this epoxy. At all other times, use an organic vapor mask.

**Ventilation**

**Local Exhaust:** Yes      **Mechanical:** Yes      **Special:** n/a      **Other:** n/a

**Protective Gloves:** Chemical resistant

**Eye Protection:** Splash proof goggles

**Other Protective Clothing of Equipment:** Cotton or synthetic overalls/coveralls should be worn.

Badly soiled clothing should be changed.

**Work/Hygienic Practices:** Use barrier cream. Avoid repeated or prolonged contact. Wash before eating, smoking or using the toilet.

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Form No.: MSDS - LEPTR-B

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