

**1. Chemical Product and Contact Information**

Issued: 12/05/08

<b>Product Name:</b>	<b>LC Epoxide Resin</b>	<b>Part Numbers:</b>
		<b>811-563-010</b>
<b>LECO Corporation</b>		<b>811-563-020</b>
<b>3000 Lakeview</b>		<b>811-563-101</b>
<b>St. Joseph, Michigan 49085</b>		<b>811-563-103</b>
<b>Information:</b>	<b>269-983-5531</b>	<b>Kit Numbers:</b>
<b>Chemtrec:</b>	<b>800-424-930</b>	<b>811-563-110 811-563-120</b>
<b>(Chemtrec Int'l:703-527-3887)</b>		<b>812-522-Haz 812-523-Haz</b>

**2. Composition/Information on Ingredients**

<u>Component</u>	<u>CAS No.</u>	<u>OSHA PEL (mg/m<sup>3</sup>)</u>	<u>ACGIH TLV (mg/m<sup>3</sup>)</u>	<u>Typical % by Weight</u>
Epoxy Resin	25068-38-6	Not established	Not established	60-100

**3. Hazard Identification****EMERGENCY OVERVIEW**

No unusual fire or spill hazard. Moderate health risk by skin contact. Viscous yellow liquid with a mild odor

**Potential Health Effects**

**SKIN:** Product could be moderately irritating to skin. May cause allergic skin reaction in susceptible individuals. Avoid direct skin contact when using this material.

**EYES:** Product could be moderately irritating to the eyes. Avoid touching eyes when using this material.

**INHALATION:** Because of its low volatility this product is not likely to be an inhalation hazard.

**INGESTION:** No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

**CARCINOGENICITY:** This material is neither carcinogenic or potentially carcinogenic.

**P/N: 811-563-010**

**4. First Aid Measures**

**EYES:** Flush eyes with generous amounts of water for at least 15 minutes. Obtain first aid and medical assistance if needed.

**SKIN:** Wash affected areas with soap and water.

**INHALATION:** Remove to fresh air.

**INGESTION:** In general, no treatment is necessary unless large quantities of product are ingested.

**5. Fire Fighting Measures**

**FLAMMABLE PROPERTIES:** Non-flammable.

**AUTO-IGNITION TEMPERATURE:** Not applicable.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide, aldehydes, acids and other organic substances may be formed during high temperature degradation.

**EXTINGUISHING MEDIA:** Use water, CO<sub>2</sub>, dry chemical, foam, or fog.

**FIREFIGHTING INSTRUCTIONS:** Do not enter confined fire space without full protective gear including a positive pressure, self-contained, NIOSH approved breathing apparatus. Cool fire exposed container with water to prevent pressure build up and/or weakening of container structure.

**6. Accidental Release Measures**

**SMALL/LARGE SPILL:** Use cautious judgment when cleaning spills. Small spills may be collected with absorbent material, such as clay or sand. Large spills could be diked and contained with absorbent materials. Flush area with water spray to remove residue. Dispose of flush legally.

**7. Handling and Storage**

**HANDLING:** Store at ambient temperatures in well ventilated area. Avoid sparks, open flames and extreme heat. Store separately from amine curing agents. Protect container from physical damage. Containers, even those that have been emptied, can contain product residues. Handle in accordance with good industrial practices. Avoid prolonged or repeated contact with skin. Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Launder contaminated clothing before use.

**8. Exposure Controls/Personal Protection**

**ENGINEERING CONTROLS:** Local exhaust is recommended. Mechanical exhaust can be used as a back up system.

**RESPIRATORY PROTECTION:** No respiratory protection should be needed.

**SKIN AND HAND PROTECTION:** Chemical resistant gloves such as PVA.

**EYE AND FACE PROTECTION:** ANSI approved safety glasses with side shields or goggles.

**OTHER PROTECTIVE EQUIPMENT:** Chemical resistant clothing as required to minimize skin contact.

**9. Physical and Chemical Properties**

FLASH POINT: >200°F (93C) Method used: Setaflash. LEL and UEL not established  
APPEARANCE: Light yellow liquid with a mild odor.  
SOLUBILITY IN WATER: Practically insoluble.  
SPECIFIC GRAVITY: 1.104.  
BOILING POINT: Not available.  
VAPOR PRESSURE: <1 mmHg @ 20°C  
VAPOR DENSITY: >1  
PER CENT VOLATILE BY VOLUME: 0%  
EVAPORATION RATE: Information unavailable.  
PER CENT SOLID BY WEIGHT: 100%

**10. Stability and Reactivity**

CHEMICAL STABILITY: Stable.  
CONDITIONS TO AVOID: Avoid high temperatures, open flames and unscheduled contact with curing agents. Avoid mixing resin and hardener in uncontrollable quantities.  
HAZARDOUS POLYMERIZATION: Will not occur.  
INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and bases, secondary aliphatic amines and mercaptans.

**11. Toxicological Information**

None reported.

**12. Ecological Information**

Not available.

**13. Disposal Consideration**

Dispose of in accordance with federal, state & local regulations.

**14. Transportation Information**

U.S.A. DOT: Not regulated. Plastic Material-Liquid  
Canadian TDG Hazard Class & PIN: Not reported.

**15. Regulatory Information**U.S. FEDERAL REGULATIONS:

TSCA STATUS: On Toxic Substance Control Inventory.

CERCLA REPORTABLE QUANTITY: None.

SARA TITLE III:

Section 302 Extremely Hazardous Substances: None.

Section 311/312 Hazardous Categories: None.

Section 313 Toxic Chemicals: None.

RCRA STATUS: Not regulated

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: D2B.

**16. Other Information****Health Hazard Rating: (0-4, 4= Extreme)****Health: 2 Fire: 1 Reactivity: 0**

Prepared By:

**Jason Whitt**

*Information herein is given in good faith as authoritative and valid; however, no warranty, expressed or implied can be made.*