

**1. Chemical Product and Contact Information**

Revised: 11/10/2010

Product Name: Diallyl Phthalate Powder Part Numbers:
Copper Filled 811-138
LECO Corporation 811-139
3000 Lakeview
St. Joseph, Michigan 49085
Information: 269-983-5531
Chemtrec: 800-424-9300 (Chemtrec Int'l: 703-527-3887)

2. Composition/Information on Ingredients

<u>Component</u>	<u>CAS No.</u>	<u>OSHA PEL (mg/m³)</u>	<u>ACGIH TLV (mg/m³)</u>	<u>Typical % by Weight</u>
Copper	7440-50-8	1 (dust) 0.1 (fume)	1 0.1	>70
Epoxy Resin	N/A	Not estab.	Not estab.	<20
Mineral Fillers	Mixture	1.5	10	<10
Catalysts	Mixture	Not estab.	Not estab.	<01

3. Hazard Identification**EMERGENCY OVERVIEW**

No unusual spill or fire hazard. Moderate ingestion and inhalation health hazard. Copper brown capsules with no odor.

Potential Health Effects

EYES: Irritation; fragment in cornea may cause cataracts.

SKIN: Irritation; possible "flu-like" symptoms.

INHALATION: Low immediate health risk by inhalation.

INGESTION: May be moderately irritating to stomach lining; can cause irritation of upper respiratory tract, headache, nausea, vomiting, diarrhea, chills, fever and aching muscles.

MEDICAL CONDITIONS AGGRAVATED: Chronic respiratory disease, skin diseases, and Wilson's disease. Symptoms of exposure: Chills, fever, aching muscles, dry mouth and throat, headache, nausea, vomiting, and diarrhea.

CHRONIC OVEREXPOSURE: Anemia, "lead line" on gums, possible nervous system damage. Atrophic changes in mucous membranes.

ACUTE OVEREXPOSURE: May result in sneezing, nausea, weakness. Acute overexposure will result in "metal fume fever" with flu-like symptoms lasting 24 to 48 hours.

CARCINOGENICITY: None.

P/N: 811-138

4. First Aid Measures

EYES: Flush with water for at least 15 minutes and consult a physician.

SKIN: Wash with soap and water. Consult a physician.

INHALATION: Remove from exposure.

INGESTION: Consult a physician immediately.

5. Fire Fighting Measures

FLAMMABLE PROPERTIES: Non-flammable.

Flash Point: None.

Method Used: Not applicable.

Flammable Limits (% by Volume in Air):

Lower: None.

Upper: None.

AUTO-IGNITION TEMPERATURE: Not established.

HAZARDOUS COMBUSTION PRODUCTS: Not available.

EXTINGUISHING MEDIA: Dry sand or other inert material.

FIREFIGHTING INSTRUCTIONS: Gently cover the burning mass with sand or inert material; allow to cool.

6. Accidental Release Measures

SMALL/LARGE SPILL: Wear protective clothing, goggles and a NIOSH approved respirator.

Sprinkle moderately with damp sand and collect for disposal avoiding dust clouds as much as possible.

7. Handling and Storage

HANDLING: Avoid creating dust clouds.

STORAGE: Store in cool dry place avoiding contact with heat and acids. Keep container closed.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Local exhaust, minimum face velocity of 60 fpm.

RESPIRATORY PROTECTION: NIOSH/MSHA approved dust respirators.

SKIN AND HAND PROTECTION: Chemical resistant gloves.

EYE AND FACE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: Wear particle mask. Do not eat or taste material. Avoid prolonged skin contact. Wash hands with soap and water after handling material. Wear chemical resistant apron.

9. Physical and Chemical Properties

APPEARANCE: Copper brown capsules.
BOILING POINT: 4653° F. (2567° C.)
FREEZE-MELT POINT: 1981° F. (1083° C.)
VAPOR PRESSURE (mm): Not applicable.
VAPOR DENSITY (air = 1): Not applicable.
SOLUBILITY IN WATER: None.
SPECIFIC GRAVITY: 3.9
pH: Not applicable.
ODOR: None.
PERCENT VOLATILES: Not available.
EVAPORATION RATE (Butyl Acetate = 1): Not available.

10. Stability and Reactivity

CHEMICAL STABILITY (CONDITIONS TO AVOID): Stable.
INCOMPATIBILITY: Strong acids, bromates, chlorates, iodates.
HAZARDOUS DECOMPOSITION PRODUCTS: Not available.
HAZARDOUS POLYMERIZATION: None.

11. Toxicological Information

None reported.

12. Ecological Information

Not available.

13. Disposal Consideration

Put in closed container. Dispose of according to all federal, state & local regulations.

14. Transportation Information

U.S.A. DOT: Not regulated.

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

TSCA STATUS: On Toxic Substance Control Inventory.

CERCLA REPORTABLE QUANTITY: Copper, 5000 lbs.

SARA TITLE III:

Section 302 Extremely Hazardous Substances: None.

Section 311/312 Hazardous Categories: Chronic, Acute.

Section 313 Toxic Chemicals: Copper fumes.

RCRA STATUS: Not available.

CANADIAN REGULATIONS:

WHMIS: Not regulated.

16. Other Information

Hazard Index: (0 - 4, 4 = Extreme)

Health: 1 Fire: 0 Reactivity: 0

Prepared By:

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