



Revised: 4/1/97

1. Chemical Product and Contact Information

Product Name: **Microid Diamond
Compound**

Part Numbers:
See Section 16

LECO Corporation

3000 Lakeview

St. Joseph, Michigan 49085

Information: 616-983-5531

Chemtrec: 800-424-9300

(Chemtrec Int'l: 202-483-7616)

2. Composition/Information on Ingredients

<u>Component</u>	<u>CAS No.</u>	<u>OSHA PEL (mppcf)</u>	<u>ACGIH TLV (mg/m³)</u>	<u>Other Limits</u>	<u>Typical % by Weight</u>
Polyalkylene Glycol	9038-95-3	Not estab.	Not estab.		70 - 95
Monobutyl Ether					
Silicon Dioxide	7631-86-9	20	5		5 - 20

3. Hazard Identification**EMERGENCY OVERVIEW**

No unusual fire or spill hazard; moderate health risk by ingestion. Paste with mild odor.

Potential Health Effects

EYES: Moderate to severe irritation, seen as excess reddening and swelling of conjunctiva.

SKIN: May cause irritation experienced as redness and itchiness.

INHALATION: None.

INGESTION: Moderately toxic.

MEDICAL CONDITIONS AGGRAVATED: Not available.

CHRONIC OVEREXPOSURE: None reported.

ACUTE OVEREXPOSURE: See above.

CARCINOGENICITY: None.

P/N: 810-865

4. First Aid Measures

EYES: Flush with plenty of water.
 SKIN: Flush with plenty of water.
 INHALATION: None.
 INGESTION: Induce vomiting; call a physician.

5. Fire Fighting Measures

FLAMMABLE PROPERTIES: Non-flammable.
 Flash Point: > 200° F. (93° C.) Method Used: COC
 Flammable Limits (% by Volume in Air):
 Lower: None. Upper: None.
 AUTO-IGNITION TEMPERATURE: Not applicable.
 HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide and vapors.
 EXTINGUISHING MEDIA: Alcohol or all-purpose type foam, carbon dioxide or dry chemical.
 FIREFIGHTING INSTRUCTIONS: Self-contained breathing apparatus, full face-piece, protective clothing; may produce a floating fire hazard in extreme fire conditions.

6. Accidental Release Measures

SMALL/LARGE SPILL: Wear protective equipment. Mop, wipe and soak immediately. Open all windows and doors. Remove all sources of ignition. For repair and maintenance of contaminated equipment, flush with water and collect for disposal as above.

7. Handling and Storage

HANDLING: Area where product is used should be well-ventilated. Avoid breathing vapors.
 STORAGE: Keep container closed.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Local ventilation preferable at high temperatures; mechanical ventilation satisfactory at low temperatures.
 RESPIRATORY PROTECTION: None required at low temperatures.
 SKIN AND HAND PROTECTION: Rubber gloves.
 EYE AND FACE PROTECTION: Splash proof goggles.
 OTHER PROTECTIVE EQUIPMENT: Normal work clothing; eye bath.

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: Acute, Fire, Reactive.

Section 313 Toxic Chemicals: Glycol ethers.

RCRA STATUS: Not regulated.

CANADIAN REGULATIONS:

WHMIS: D2B

16. Other Information

Part No.:

810-865	810-866	810-867	810-868	810-869	810-870
810-871	810-872	810-873	810-874	810-880	810-881
810-882	810-912	810-913	810-914	810-915	

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

Health: 1

Fire: 1

Reactivity: 1

Prepared By:

Duane Ostenson

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

P/N: 810-865

9. Physical and Chemical Properties

APPEARANCE: Paste.
 BOILING POINT: > 392° F. (> 200° C.)
 FREEZE-MELT POINT: Not available.
 VAPOR PRESSURE (mm): Not available.
 VAPOR DENSITY (air = 1): Not available.
 SOLUBILITY IN WATER: Soluble.
 SPECIFIC GRAVITY: 0.971
 pH: Not applicable.
 ODOR: Mild.
 PERCENT VOLATILES: Not available.
 EVAPORATION RATE (Butyl Acetate = 1): Not available.

10. Stability and Reactivity

CHEMICAL STABILITY: Stable.
 INCOMPATIBILITY: Normally unreactive; however, avoid strong bases at high temperatures, strong acids, strong oxidizing agents and materials reactive with hydroxyl compounds. Avoid open flames and excessive heat.
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and vapors.
 HAZARDOUS POLYMERIZATION: None.

11. Toxicological Information

None reported.

12. Ecological Information

Not available.

13. Disposal Consideration

Discarded material should be deposited on approved landfill area or incinerated in compliance with federal, state & local regulations.

14. Transportation Information

U.S.A. DOT: Not regulated.