



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/m<sup>3</sup>)</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.:**

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

**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.