1. Chemical Product and Contact Information

Issued: 12/04/08

Product Name: Abrasive Discs, Silicon Carbide

Part Numbers: See Section 16

LECO Corporation
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

Component	CAS No.	OSHA PEL (mg/m³)	ACGIH TLV (mg/m³)	Typical % by Weight
Silicon Carbide	409-21-2	10	10	15 - 25
Cloth or Paper Backing	Not estab.	Not given	Not given	45 - 55
Binder System (mixture below)				
Phenol Formaldehyde Resin	9003-35-4	Not given	Not given	05 – 27
Animal Glue Bond	Not estab.	Not given	Not given	05 – 27
Cured Urea Formaldehyde Resin	9011-05-6	Not given	Not given	05 – 27

3. Hazard Identification

EMERGENCY OVERVIEW

No unusual fire or spill hazard; nuisance-level health risk. Solid abrasive product with no odor.

Potential Health Effects

EYES: Dust from abraded surface may cause mechanical irritation.
SKIN: Some may experience skin irritation from dust.
INHALATION: Overexposure to dust from abraded surface may cause respiratory system irritation. Hazard degree based on material being abraded.
INGESTION: No adverse health effects expected.
CARCINOGENICITY: None.

4. First Aid Measures

EYES: Flush eyes with plenty of water and call a physician if irritation persists.

SKIN: Wash affected areas with soap and water. Seek medical assistance.
INHALATION: Provide fresh air, treat for substrate material being abraded.
INGESTION: Call poison control center, hospital emergency room, or 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 applicable.
HAZARDOUS COMBUSTION PRODUCTS: Thermal degradation will produce carbon monoxide, carbon dioxide, and smoke particulates.
EXTINGUISHING MEDIA: Water, carbon dioxide, foam.
FIREFIGHTING INSTRUCTIONS: None.

6. Accidental Release Measures

SMALL/LARGE SPILL: No special procedures.

7. Handling and Storage

HANDLING: Handle with adequate ventilation for nuisance dust.
STORAGE: Keep container closed.

8. Exposure Controls/Personal Protection

VENTILATION PROTECTION: Recommend local exhaust ventilation when general ventilation can not keep the airborne concentration below the TLV.
ENGINEERING CONTROLS: Not available.
RESPIRATORY PROTECTION: Avoid breathing dust from material being ground. Wear a particulate respirator where dust is generated.
SKIN AND HAND PROTECTION: Prevent skin contact with dust created from grinding substrate.
EYE AND FACE PROTECTION: Prevent eyes contact with dust created from grinding substrate. Wear eye protection where dust is generated.
OTHER PROTECTIVE EQUIPMENT: Use of this product may create elevated sound levels. Hearing protection should be worn where required (see OSHA 29 CFR 1910.134 and other applicable regulations).

9. Physical and Chemical Properties

APPEARANCE: Solid abrasive product, no odor.
BOILING POINT: Not available.
FREEZE-MELT POINT: Not available.
VAPOR PRESSURE (mm): Not available.
VAPOR DENSITY (air = 1): Not available.
SOLUBILITY IN WATER: Not available.
SPECIFIC GRAVITY: Not available.
pH: Not available.
ODOR: None.
PERCENT VOLATILES: Not available.

EVAPORATION RATE (Butyl Acetate = 1): Not available.

10. Stability and Reactivity

CHEMICAL STABILITY: Stable.
INCOMPATIBILITY: Not determined.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal degradation will produce carbon monoxide, carbon dioxide, and smoke particulates. In use, dust and decomposing odors may be generated. In most cases, the material removed from the workplace will be significantly greater than the sandpaper components.
HAZARDOUS POLYMERIZATION: None.

11. Toxicological Information

None reported.

12. Ecological Information

Not available.

13. Disposal Consideration

Collect the material and dispose in a local sanitary landfill. Follow federal, state and 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: None.
SARA TITLE III:
Section 302 Extremely Hazardous Substances: None.
Section 313 Toxic Chemicals: None.
RCRA STATUS: Not regulated

CANADIAN REGULATIONS:
WHMIS: Not regulated.

16. Other Information

Part Numbers:

810-033-100 thru 810-036-100	**810-042-200 thru 810-048-200**
810-078-300 thru 810-084-300	**810-203-200 thru 810-297-300**
810-425-200 thru 810-430-200	**810-446-200**
810-531-200 thru 810-537-200	**810-856-100 thru 810-859-100**
810-884-100 thru 810-886-100	**812-037-200 thru 812-043-200**
812-201-200 thru 812-222-200	**812-374-300 thru 812-380-300**

This MSDS covers all the 100, 200, 300, 500, and PRM series, Abrasive Disc, Silicon Carbide.

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

Health: 1 **Fire: 0** **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.