

# Material Safety Data Sheet

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|--|------------------------------------|--|
| <b>Revision Date</b><br>July 2, 2008                           | <b>Prepared by</b><br>Patti Rogers | <b>Technical Information</b><br>1-800-201-8822 or <a href="mailto:support@mgchemicals.com">support@mgchemicals.com</a> |
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## Section 1: Product Identification

**MSDS Code: 846**                      **Name: Conductive Carbon Grease**

**Related Part Numbers: 846-80G, 846-1P**

Use: For lubricating switches and improving electrical connections.

## Section 2: Hazardous Ingredients

| CAS#       | Chemical Name        | Percentage by weight | ACGIH TWA | Osha PeI | Osha Stel |
|------------|----------------------|----------------------|-----------|----------|-----------|
| 1333-86-4  | Carbon black         | 20-22                | N/A       | N/A      | N/A       |
| 63148-62-9 | Dimethylpolysiloxane | 78-86                | N/E       | N/E      | N/E       |

## Section 3: Hazards Identification

**NFPA Ratings:** Health 1 Flammability 0 Reactivity 0

**HMIS Ratings:** Health 1 Flammability 0 Physical hazard 0

**Eyes:** May cause eye irritation.

**Skin:** No effects known.

**Inhalation:** Unlikely route of entry.

**Ingestion:** None known.

**Chronic:** None known.

## Section 4: First Aid Measure

**Eyes:** Remove contact lenses. Flush with plenty of water. Get medical aid if irritation persists.

**Skin:** Wash skin with soap and water.

**Inhalation:** Remove from exposure to fresh air.

**Ingestion:** Rinse mouth with water several times.

## Section 5: Fire Fighting Measures

**Auto ignition Temperature:** N/A                      **Flash Point:** >300°C/572°F                      **LEL / UEL:** N/A

**Extinguishing Media:** All standard extinguishing media.

**General Information:** May burn at excessive temperatures.

## Section 6: Accidental Release Measures

**Spill Procedure:** Wipe, scrape, or soak up in an inert material. Wash spill area with soap and water.

## Section 7: Handling and Storage

**Handling:** Wash thoroughly after handling. Avoid contact with eyes.

**Storage:** Store in a cool, dry, well-ventilated area, away from incompatible substances. Keep container closed.

## Section 8: Exposure Controls

**Routes of entry:** Eyes, ingestion, inhalation, and skin.  
**Ventilation:** Not required.  
**Personal Protection:** Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact.

## Section 9: Physical and Chemical Properties

|                        |             |                          |      |                        |                |                          |                      |
|------------------------|-------------|--------------------------|------|------------------------|----------------|--------------------------|----------------------|
| <b>Physical State:</b> | Paste       | <b>Odor:</b>             | None | <b>Solubility:</b>     | Insoluble      | <b>Evaporation Rate:</b> | <1 (butyl Acetate=1) |
| <b>Boiling Point:</b>  | 200°C/392°F | <b>Specific Gravity:</b> | 1.22 | <b>Vapor Pressure:</b> | < 1mm Hg @20°C | <b>Vapor Density:</b>    | >1 (air=1)           |
|                        |             |                          |      |                        |                | <b>pH:</b>               | N/A                  |

## Section 10: Stability and Reactivity

**Stability:** Stable at normal temperatures and pressures.  
**Conditions to avoid:** Excessive heat or flames, incompatible substances.  
**Incompatibilities:** None Known.  
**Polymerization:** Will not occur.  
**Decomposition:** Carbon monoxide, carbon dioxide, silicone dioxide, formaldehyde

## Section 11: Toxicological Information

**Sensitization:** (effects of repeated exposure) Not known to.

**Carcinogenicity:** (risk of cancer) The ingredients of this product are not classified as being carcinogenic by ACGIH (American Conference of Governmental industrial Hygienists) or IARC (International Agency for Research on Cancer), not regulated as carcinogens by OSHA (Occupational Safety and Health Administration), and not listed as carcinogens by NTP (National Toxicology Program)

**Teratogenicity:** (risk of malformation in an unborn fetus) No

**Reproductive Toxicity:** (risk of sterility) No

**Mutagenicity:** (risk of heritable genetic effects) No

| <b>Lethal Exposure Concentrations:</b> | <b>Ingestion (LD50):</b> | <b>Inhalation (LC50):</b> | <b>Skin (LD50):</b> | <b>Inhalation (TCLo):</b>  |
|--|--------------------------|---------------------------|---------------------|----------------------------|
| Carbon black                           | 15400 mg/kg<br>Rat       | N/E                       | >3 gm/kg<br>Rabbit  | 7 mg/m <sup>3</sup><br>Rat |
| Dimethylpolysiloxane                   | >24 gm/kg<br>Rat         | N/E                       | N/E                 | N/E                        |

## Section 12: Ecological Information

**General Information:**

**Volatile Organic compounds, % by weight:** 0

**Volatile Organic compounds, grams per litre:** 0

### Section 13: Disposal Information

**General Information:** Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.

### Section 14: Transportation Information

**Ground:**

Non-regulated

**Air:**

**Shipper must be trained and certified. Refer to IATA Dangerous Goods Regulations.**

**UN Number:** None

**UN Pack Group:** Not applicable

**UN Class:** Nonhazardous

**ICAO/IATA:** Nonhazardous

**IMDG Class:** Nonhazardous

**Shipping Name:** Nonhazardous

**Sea:**

Non-regulated

### Section 15: Regulatory Information

#### **CANADA**

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations. DSL**

All ingredients in this product are listed on the Domestic Substances List

#### **WHMIS**

This product belongs to the following categories: **D2B**

#### **Industry and Science Canada**

MG Labels products intended for the workplace to conform to WHMIS labeling regulations. Product identification, net quantity declaration, minimum printing type size heights, and packaging of this product are in compliance.

#### **CAA** (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product does not contain any chemicals listed as hazardous air pollutants.

#### **Health Canada**

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling Regulations.

#### **USA**

**SARA** (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

None of the chemicals in this product have a reportable quantity.

**EPCRA** (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

**TSCA** (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

**California Proposition 65** (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

## Section 15: Regulatory Information Cont.

### **EUROPE**

#### **RoHS**

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

#### **WEEE**

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

## Section 16: Other Information

**Definitions:** N/A = not applicable, N/E = not established

**Disclaimer:** This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.