

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** Di-Electric Grease  
**Product Number (s):** 02083, 82083

Manufactured By: CRC Industries, Inc. (215) 674-4300  
885 Louis Drive, Warminster, PA 18974  
24-Hour Emergency Information: CHEMTREC (800) 424-9300

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## Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Dimethyl polysiloxane	63148-62-9	NE	NE	NE	10-20
Heptane	142-82-5	400 ppm	400 ppm	NE	28-38
Isohexane	107-83-5	500 ppm	500 ppm	NE	28-38
Propane	74-98-6	NE	1000 ppm	NE	10-20
Isobutane	75-28-5	NE	NE	10000 ppm	10-20

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## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Translucent to opaque gel paste, solvent odor.

Danger: Extremely Flammable. Harmful or Fatal if Swallowed. Contents Under Pressure.

### Potential Health Effects:

Inhalation: Headaches, nausea, dizziness anesthesia and unconsciousness.

Eyes: Irritation

Skin: Irritation

Ingestion: NA

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: Prolonged overexposure may cause liver and kidney effects and nervous system damage.

Medical Conditions Aggravated by Exposure: NA

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## Section 4: First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if necessary.

Eyes: Flush with large amounts of water for 15 minutes.

Skin: Remove contaminated clothing and wash area with soap and water.

Ingestion: Call a physician. Do not induce vomiting.

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**Section 5: Fire-Fighting Measures**

Flashpoint:	<20°F	Method:	TCC	LEL:	ND	UEL:	ND
Extinguishing Media:			CO <sub>2</sub> , dry chemical, foam				
Hazardous Combustion Products:			CO <sub>2</sub> and carbon monoxide				
Fire-fighting Instructions:			Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting. Aerosol cans may explode if heated above 120°F.				
NFPA:	Health: 1	Flammability:	3	Reactivity:	0		
HMIS:	Health: 1	Flammability:	3	Reactivity:	0	PPE:	B

**Section 6: Accidental Release Measures**

Spill/Leak Procedures: Usually not a problem with aerosols. Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

**Section 7: Handling and Storage**

Handling Procedures: Store in a cool, dry area. Aerosol cans must be maintained below 120°F to prevent cans from exploding.

**Section 8: Exposure Controls/Personal Protection**

Engineering Controls: Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

**Section 9: Physical & Chemical Properties**

Physical State:	Liquid	Appearance & Odor:	Translucent to opaque gel paste, solvent odor.	
Specific Gravity:	0.6510	Boiling Point:	200°F	
Freezing Point:	ND	Vapor Pressure:	ND	
Evaporation Rate:	Fast	Vapor Density (air = 1)	> air	
pH:	NA	Solubility:	Negligible in water	
Volatile Organic Compounds:%:	90	g/L:	585	lbs./gal: 4.88

**Section 10: Stability and Reactivity**

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Strong oxidizers.		
Materials to Avoid:	Strong oxidizers.		
Hazardous Decomposition Products:	None		

**Section 11: Toxicological Information**

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

**Section 12: Ecological Information**

Ecotoxicity: No data available.  
 Environmental Fate: No data available for biodegradation.

**Section 13: Disposal Considerations**

Disposal: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

**Section 14: Transportation Information**

Shipping Name: Consumer Commodity  
 Hazard Class: ORM-D UN Number: NA Packing Group: NA  
 Label: NA Placard: NA  
 Special Provisions: NA

**Section 15: Regulatory Information**

TSCA: All components are either listed under TSCA or are exempt.  
 SARA Title III: Section 311/312: Acute, Pressure Section 313\*: None  
 CERCLA/Superfund (RQ): NA  
 Extremely Hazardous Substances: No  
 California Prop 65: This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

\* See section 2 for percentage

**Section 16: Additional Information**

Prepared By: Adam M. Selisker Date: February 26, 2001  
 Technical Information: (800) 521-3168 CRC #: 438  
 This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
LEL:	Lower Explosive Limit	g/L:	grams per Liter
UEL:	Upper Explosive Limit	lbs./gal:	pounds per gallon
PPE:	Personal Protection Equipment	RQ:	Reportable Quantity
COC:	Cleveland Closed Cup		