

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** Battery Terminal Protector  
**Product Number (s):** 05046, 05146

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	%
Inhibited Paraffinic Oil	Mixture	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	(mist)	10-20
Microcrystalline Wax	8009-03-8	NE	5 mg/m <sup>3</sup>	NE	15-35
Xylene	1330-20-7	100 ppm	100 ppm	NE	< 10
Petroleum Distillate	8052-41-3	NE	NE	100 ppm	10-20
Isohexanes	107-83-5	500 ppm	500 ppm	NE	30-50
n-Hexane	110-54-3	50 ppm	50 ppm	NE	< 10
Heptane	142-82-5	400 ppm	400 ppm	NE	< 10
Ethylbenzene	100-41-4	100 ppm	100 ppm	NE	< 2
Isobutane	75-28-5	NE	NE	1000 ppm	10-20
Propane	74-98-6	NE	1000 ppm	NE	10-20

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## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Red viscous liquid.

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

### Potential Health Effects:

Inhalation: Headaches, dizziness, nausea and anesthesia.

Eyes: Irritation, burning

Skin: Irritation, drying

Ingestion: NA

Carcinogenicity: OSHA: No IARC: Yes NTP: No

Chronic Overexposure: Dermatitis

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:	<0 °F	Method:	TCC	LEL:	1.7	UEL:	9.0
Extinguishing Media:	CO <sub>2</sub> , dry chemical and foam						
Hazardous Combustion Products:	Thermal – 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:	2	Flammability:	4	Reactivity:	0	
HMIS:	Health:	2	Flammability:	4	Reactivity:	0	PPE: B

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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.

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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.

Aerosol Level: III

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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.

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Section 9: Physical & Chemical Properties

Physical State:	Liquid	Appearance & Odor:	Red viscous liquid		
Specific Gravity:	0.85	Boiling Point:	138°F - 144 °F approximate		
Freezing Point:	ND	Vapor Pressure:	ND		
Evaporation Rate:	NA	Vapor Density (air = 1)	> air		
pH:	NA	Solubility:	Negligible in water		
Volatile Organic Compound %:	78.4	g/L:	526	lbs./gal:	4.38

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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\*: n-Hexane, Xylene, Ethylbenzene  
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: May 9, 2002  
Technical Information: (800) 521-3168 CRC #: 00597F

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

**Product Name: Battery Terminal Protector**

**Product Number (s): 05046, 05146**

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LEL: Lower Explosive Limit  
UEL: Upper Explosive Limit  
PPE: Personal Protection Equipment  
COC: Cleveland Closed Cup

g/L: grams per Liter  
lbs./gal: pounds per gallon  
RQ: Reportable Quantity