MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Battery Terminal Protector
Product Number(s): 05046

Manufactured By: CRC Industries, Inc.  
885 Louis Drive, Warminster, PA 18974  
(215) 674-4300

24-Hour Emergency Information: CHEMTREC  
(800) 424-9300

Section 2: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS NUMBER</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>OTHER LIMITS</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhibited Paraffinic Oil</td>
<td>Mixture</td>
<td>5 mg/m3</td>
<td>5 mg/m3</td>
<td>(mist)</td>
<td>10-20</td>
</tr>
<tr>
<td>Microcrystalline Wax</td>
<td>8009-03-8</td>
<td>NE</td>
<td>5 mg/m3</td>
<td>NE</td>
<td>15-35</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>NE</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Petroleum Distillate</td>
<td>8052-41-3</td>
<td>NE</td>
<td>NE</td>
<td>100 ppm</td>
<td>10-20</td>
</tr>
<tr>
<td>Isohexanes</td>
<td>107-83-5</td>
<td>500 ppm</td>
<td>500 ppm</td>
<td>NE</td>
<td>30-50</td>
</tr>
<tr>
<td>n-Hexane</td>
<td>110-54-3</td>
<td>50 ppm</td>
<td>50 ppm</td>
<td>NE</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Heptane</td>
<td>142-82-5</td>
<td>400 ppm</td>
<td>400 ppm</td>
<td>NE</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>NE</td>
<td>&lt; 2</td>
</tr>
<tr>
<td>Hydrocarbon propellant</td>
<td>68476-86-8</td>
<td>NE</td>
<td>NE</td>
<td>1000 ppm</td>
<td>25-35</td>
</tr>
</tbody>
</table>

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Red viscous liquid.


Potential Health Effects:
- Inhalation: Headaches, dizziness, nausea and anesthesia.
- Eyes: Irritation, burning
- Skin: Irritation, drying
- Ingestion: Gastrointestinal discomfort

Carcinogenicity: OSHA: No  IARC: Yes  NTP: No
Chronic Overexposure: Dermatitis
Medical Conditions Aggravated by Exposure: NA

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.
Section 5: Fire-Fighting Measures

Flashpoint: $<0^\circ F$
Extinguishing Media: CO$_2$, 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$^\circ F$.

NFPA: Health: 2
HMIS: Health: 2
Flammability: 4
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$^\circ F$ to prevent cans from exploding.
Aerosol Level: III

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide local ventilation 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: Not necessary for normal conditions of use. Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus if vapors are 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: Red viscous liquid
Product Name: Battery Terminal Protector

<table>
<thead>
<tr>
<th>Specific Gravity:</th>
<th>0.745</th>
<th>Boiling Point:</th>
<th>138°F - 144°F approximate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freezing Point:</td>
<td>ND</td>
<td>Vapor Pressure:</td>
<td>ND</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>NA</td>
<td>Vapor Density (air = 1)</td>
<td>&gt; air</td>
</tr>
<tr>
<td>pH:</td>
<td>NA</td>
<td>Solubility:</td>
<td>Negligible in water</td>
</tr>
<tr>
<td>Volatile Organic Compounds:%:</td>
<td>78.4</td>
<td>g/L:</td>
<td>526</td>
</tr>
</tbody>
</table>

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Section 10: Stability and Reactivity

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

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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.

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Section 12: Ecological Information

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

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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.

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Section 14: Transportation Information

<table>
<thead>
<tr>
<th>Shipping Name</th>
<th>Consumer Commodity</th>
<th>UN Number:</th>
<th>Packing Group:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class:</td>
<td>ORM-D</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Label:</td>
<td>NA</td>
<td>Placard:</td>
<td>NA</td>
</tr>
<tr>
<td>Special Provisions:</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Section 15: Regulatory Information

TSCA: All components are either listed under TSCA or are exempt.
SARA Title III: Section 311/312: Acute, Fire, Pressure
Section 313*: n-Hexane, Xylene, Ethylbenzene
CERCLA/Superfund (RQ): Extremely Hazardous Substances: NA

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Product Name: Battery Terminal Protector

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: Michelle Milburn  
Technical Information: (800) 521-3168  
Date: April 27, 2005  
CRC #: 00597L

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  
ppm: Parts per Million  
TCC: Tag Closed Cup  
LEL: Lower Explosive Limit  
UEL: Upper Explosive Limit  
PPE: Personal Protection Equipment  
COC: Cleveland Closed Cup  

NA: Not Applicable  
ND: Not Determined  
NE: Not Established  
g/L: grams per Liter  
lbs./gal: pounds per gallon  
RQ: Reportable Quantity