



**- Material Safety Data Sheet -  
BATTERY TERMINAL PROTECTION SPRAY - 647CP**

**SECTION I**

**Manufacturer's Name:** CRC Industries, Inc.  
885 Louis Drive, Warminster, PA 18974  
Ref. CRC Products - S-385-C,D MSDS-597D

**Date Prepared:** Revised January 1997

**Distributor's Name:** East Penn Manufacturing Co., Inc.  
Deka Road, Lyon Station, PA 19536

**Telephone Number for Information:** (610) 682-6361

**Emergency Telephone Number:** CHEMTREC: 1-800-424-9300,  
In Washington D.C. or outside continental U.S., call 1-202-483-7616

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components Specific Chemical Identity (Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Inhibited Paraffinic Oil CAS #NA	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	(mist)	10-20
Microcrystalline Wax CAS #8009-03-8	5 mg/m <sup>3</sup>	N/A		15-35
Xylene, CAS #1330-20-7	100 ppm	100 ppm		1-10
Petroleum Distillate, CAS #64742-88-7	400 ppm	N/A	100 ppm	10-20
Isohexanes, CAS #107-83-5	500 ppm	500 ppm		30-50
n-Hexane, CAS #110-54-3	50 ppm	50 ppm		1-10
Propane, Isobutane CAS# 74-98-6	1000 ppm	1000 ppm		10-20

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS (WITHOUT PROPELLANT)**

**Appearance and Odor:** Red viscous liquid

**Boiling Point:** 138-144 approximate

**Evaporation Rate:** N/A

**Freezing Point:** ND

**% Volatile:** 70

**Solubility:** Negligible in water

**Specific Gravity:** 0.85

**Vapor Density:** > air

**Vapor Pressure:** ND

**pH:** N/A

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** < 0° F      **Method:** TCC      **Flammable Limits:** est.

**Extinguishing Media:** CO<sub>2</sub>, foam, dry chemical      **LEL:** 1.7      **UEL:** 9.0

**Unusual Hazards:** Aerosol cans may explode if heated above 120 F.

**SECTION V - REACTIVITY DATA AND STABILITY**

**Stability:** Stable

**Incompatibility(Materials to Avoid):** Strong oxidizers

**Hazardous Decomposition of By-Products:** Thermal-carbon monoxide, hydrogen chloride

### SECTION VI - HEALTH HAZARD DATA

Primary Route(s) of Entry: Inhalation, skin.  
Medical Conditions Generally Aggravated by Exposure: NA  
Chemical Listed as Carcinogen: NO-National Toxicology Program  
or Potential Carcinogen: NO-IARC Monographs  
: NO-OSHA

**Signs and Symptoms of Exposure:**

Acute Overexposure: Inhalation: Headache, dizziness, nausea, anesthesia,  
Eyes: Burning and irritation Skin: Drying, defatting

Chronic Overexposure: Dermatitis

Medical Conditions Generally Aggravated by Exposure: NA

Emergency and First Aid Procedures: (If symptoms persist, contact a physician.)

Inhalation: Remove to fresh air. Apply artificial respiration if necessary.  
Eyes: Flush with large amounts of water for 15 minutes.  
Skin: Wash with soap and water. Use hand cream.  
Ingestion: Do not induce vomiting. Contact a physician.

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Ventilate area. Absorb on inert material and place in a closed container.

Waste Disposal Method: All used and unused product should be disposed of in conformance with local, state, and federal regulations.

Precautions to be Taken in Handling and Storing: Store in a cool, dry area.

Other Precautions: Vapors are heavier than air and will collect in low areas. OSHA short term exposure limit(STEL) for oil is 10mg/m.

### SECTION VIII - CONTROL MEASURES

Ventilation: Adequate to prevent the accumulation of vapors.

Respiratory Protection:(Specific Type):Self contained breathing apparatus if accumulation of vapors is suspected.

Protective Gloves: Solvent resistant.

Eye and Face Protection: Safety glasses.

Other Protective Clothing or Equipment: Apron

Work/Hygienic Practices: Good personal hygiene and work practices are recommended.

### SECTION IX- other Regulatory Information

NFPA Hazard Ratings: Health(Blue): 2 Flammability(Red): 4 Reactivity(Yellow): 0

**SARA INFORMATION:**

This product contains the following chemicals that are subject to release reporting under Section 313 of SARA Title III.

Chemical Name	CAS #	%
Xylene	1330-20-7	1-10
N-Hexane	110-54-3	1-10