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MSDS

Common Name: BATTERY TERMINAL PROTECTOR 03175**Manufacturer:** CRC**MSDS Revision Date:** 11/21/2006**Grainger Item Number(s):** 2F134**Manufacturer Model Number(s):**

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MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT & COMPANY IDENTIFICATION



PRODUCT NAME: BATTERY TERMINAL PROTECTOR

PRODUCT NUMBER(S): 03175

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

COMPONENT	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
INHIBITED PARAFFINIC OIL	MIXTURE	5 MG/M3	5 MG/M3	(MIST)	5 - 15
PETROLATUM	8009-03-8	NE	NE	NE	10 - 20
XYLENE	1330-20-7	100 PPM	100 PPM	NE	2 - 6
PETROLEUM DISTILLATE	8052-41-3	100 PPM	100 PPM	NE	10 - 20
ISOHEXANES	107-83-5	500 PPM	500 PPM	NE	20 - 30
n-HEXANE	110-54-3	50 PPM	50 PPM	NE	2.1
HEPTANE	142-82-5	400 PPM	400 PPM	NE	5 - 10
ETHYLBENZENE	100-41-4	100 PPM	100 PPM	NE	0.8
HYDROCARBON PROPELLANT	68476-86-8	1000 PPM	1000 PPM	NE	25 - 35

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: GASTROINTESTINAL DISCOMFORT

CARCINOGENICITY:

OSHA: YES

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.

SKIN: REMOVE CONTAMINATED CLOTHING AND WASH AREA WITH SOAP AND WATER.

INGESTION: CALL A PHYSICIAN. DO NOT INDUCE VOMITING.

SECTION 5: FIRE-FIGHTING MEASURES



FLASHPOINT: <0 DEG. F

METHOD: TCC

LEL: 1.7

UEL: 9.0

EXTINGUISHING MEDIA: CO2, 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 DEG. F.

NFPA:

HEALTH 2

FLAMMABILITY 4

REACTIVITY 0

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 DEG. 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

SPECIFIC GRAVITY: 0.745

BOILING POINT: 138 DEG. F - 144 DEG. F APPROXIMATE

FREEZING POINT: ND

VAPOR PRESSURE: ND

EVAPORATION RATE: NA

VAPOR DENSITY (AIR = 1): >AIR

pH: NA

SOLUBILITY: NEGLIGIBLE IN WATER

VOLATILE ORGANIC COMPOUNDS:

%: 78.3

G/L: 583

LBS./GAL: 4.86

SECTION 10: STABILITY AND REACTIVITY



STABILITY: STABLE

HAZARDOUS POLYMERIZATION: NO

CHEMICAL INCOMPATIBILITIES: STRONG OXIDIZERS.

CONDITIONS TO AVOID: TEMPERATURE EXTREMES

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, FIRE, 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: MICHELLE RUDNICK

DATE: NOVEMBER 21, 2006

TECHNICAL INFORMATION: (800) 521-3168

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