

TECHNICAL DATA SHEET

Product No. 2039

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ACN 000 725 833

CRC Industries (Aust) Pty. Limited

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I. Product Description

CRC Freeze Spray is an aerosol coolant system that instantly freezes surfaces to -50°C . Formulated to be non-flammable and plastic safe, **Freeze Spray's** powerful blast of propellant dissipates heat and cools circuits. By instantly chilling suspect components, it will assist in locating thermal intermittent failures and shorts. **Freeze Spray** is safe for use on sensitive components and all surface finishes. **Freeze Spray** is non-abrasive, dries instantly without residue and comes with an extension tube for precise application of the product.

II. Applications

Recommended for use as a coolant on thermal intermittents, computers, office equipment, electronics, video, audio and communication equipment, data processing equipment, circuit boards, lab equipment, clean rooms, plant machinery and more. Will also cool shafts to allow easy application of press-fit bearings.

III. Features & Benefits

- **Non-Flammable.** Significantly reduces the risk of fire caused by incidental contact with energized electrical equipment.
- **No Residue.** Instantly evaporates leaving surface clean without inhibiting electrical properties.
- **Plastic Safe.** Will not damage modern plastics used in electronics or electrical assemblies.
- **Non-Abrasive.** Will not scratch or scar any surface finish.
- **Contains No Known Ozone Depleting Chemicals.** Offers effective performance while complying with regulations on the use of ozone depleting chemicals.

IV. Physical Properties without propellant

Flash Point	Nil	Boiling Point	-26°C . Initial
Odour	Mild Ethereal	Solubility	Slight in water
Appearance	Colourless liquid	% Volatile	100
Vapour Density	3.5	Specific Gravity	1.21 @ 20°C .
Vapour Pressure	70 psig @ 20°C	Propellant	HFC 134A
Fire Point	None		

V. Specification and Approvals

Meets 1998 USDA guidelines for use in meat and poultry plants.

Performance Characteristics

ASTM D-1130 (Kauri-Butanol Value)	<10

VI. Directions

- Always read the entire label before using product.
- DO NOT SPRAY ON SKIN. Can will dispense freezing liquid which can cause frostbite on exposed skin.
- Hold can 2 to 6 inches away from item to be cooled and pull trigger. Operate in a series of short blasts.
- For more precise delivery of **Freeze Spray**, use the extension tube.

VII. Disposal

Disposal requirements vary by state and local regulations. All used and unused product should be disposed of in conformance with local, state and commonwealth laws and regulations.

VIII. Special Use Warnings

Aerosol Cans

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

General

Use only in well-ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapour and spray mist. Avoid contact with the skin and eyes. If ventilation is not adequate, respiratory protection should be worn. For more information regarding short term and long term exposure, review this product's Material Safety Data Sheet.

PRODUCT WARRANTY: CRC offers a conditional warranty on this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries (Aust.) Pty. Ltd. All products should be tested for suitability on a particular application prior to actual use. CRC Industries (Aust.) Pty. Ltd. makes no representations or warranties of any kind concerning this data.