

TECHNICAL DATA SHEET

Product No. 2094



CRC Industries (Aust) Pty Ltd

I. Product Description

CRC Electrical Quality SILICONE is a high quality, multipurpose silicone spray. **CRC Electrical Quality SILICONE** is a non-corrosive formula that provides a thin, durable, clear, odourless film that lubricates, protects and eliminates squeaking and binding caused by friction. **CRC Electrical Quality SILICONE** is an excellent mould release.

II. Applications

Use **CRC Electrical Quality SILICONE** for:

- ❑ Lubricating, waterproofing and to protect rubber, plastic, metal, nylon and wood.
- ❑ Restoring, protecting and preserving rubber mats; mountings and seals; vinyl tops; weather stripping; dashboards; door mouldings and plastic parts.
- ❑ Protecting and lubricating tools, hoists, jacks, locks, latches, switches, controls, zippers and pulleys.
- ❑ Mould release for plastics, composites, etc.

III. Features & Benefits

- ❑ Clear, non-staining and odourless.
- ❑ Resists moisture.
- ❑ Reduces friction.
- ❑ Reduces wear
- ❑ Reduces noise

IV. Physical Properties without propellant

Flash Point	-17 ⁰ C	Boiling Point	80 ⁰ C initial
		Pour Point (Freezing)	-46 ⁰ C
Odour	Pleasant Solvent	Solubility	Negligible in H ₂ O
Appearance	Clear, Water-white	% Volatile	60
Vapour Density	100mHg@20 ⁰ C	Specific Gravity	0.87
		Propellant	Hydrocarbon

V. Specification and Approvals

- ❑ M.A.F. Meat Approved C12
- ❑ AQIS category 11, Lubricant Type B
- ❑ USDA Approved for incidental food contact FDA regulation CFR 21-178-3570
- ❑ USDA Authorised for use in Federally inspected Meat and Poultry Plants.

VI. Performance Characteristics

Type of Film	Dry, clear, non-hardening
Surface Tension	21.3 Dynes/cm
Temperature Range	-40 ⁰ C to 260 ⁰ C
Dielectric Constant @ 25 ⁰ C	2.75 @ 10 ⁶ cycle
Volume Resistivity	1.0 x 10 ¹⁴ ohm-cm
Thermal Conductivity @ 66 ⁰ C	018 kg-cal/H/m ² °C

VII. Directions

- ❑ Shake can well before use.
- ❑ De-energize equipment before applying.
- ❑ Best performance when used on a clean surface.
- ❑ Spray a light , even film.
- ❑ Repeat application, if necessary.
- ❑ Do not spray on energized equipment.

VIII. 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.

IX. Special Use Warnings

Aerosol Cans

Do not puncture, incinerate or store above 50⁰C. 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 5 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.