

TECHNICAL DATA SHEET

Product No. 5109



CRC Industries (Aust) Pty Ltd

I. Product Description

CRC Di-Electric Grease seals, lubricates, waterproofs and insulates electrical connections with a thin, non-curing silicone compound that helps maintain electrical performance by reducing line sag, arcing, voltage drops and problems caused by adverse weather conditions. **CRC Di-Electric Grease** also provides an exceptional lubricant for fasteners used to support temporary electrical work. It improves electrical performance during adverse conditions such as rain, fog, salt spray and temperature extremes. **CRC Di-Electric Grease** is also excellent for lubricating and sealing rubber and plastic parts – including o-rings.

II. Applications

Recommended for use on electrical panels, outdoor lighting, scoreboards, traffic lights, high voltage poles, transformers, disconnects, switching mechanisms, electrical contacts, spark plugs, battery terminals, fasteners, o-rings, rubber and plastic parts.

III. Features & Benefits

- **Seals, Lubricates, Protects, Insulates and Waterproofs.**
- **Temperature Resistant.** Maintains performance level year round. Will not harden, freeze, dry or melt due to temperature fluctuations.
- **Rubber and Plastic Safe.** Will not degrade seals, gaskets or plastic insulators.
- **Precision Tip Applicator**

IV. Physical Properties

Flash Point	>120°C	Boiling Point	230°C
Odour	Nil	Solubility	Not in Water
Appearance	Opaque white paste	Temperature Range	Max 205° C

V. Specifications and Approvals

- NSF H1 Registered for use in meat and poultry plants.

Product No. 5109**VI. Performance Characteristics**

Type of Film	Non-curing silicone paste
ASTM D-877 (Dielectric Strength)	500 volts/mil
Operating Temperature Range	-40 to 205 ° C
NLGI Grade, Standard	2

VII. Directions

- Always read entire label before using product.
- Shut off power supply. Be sure surfaces allowed to cool before using this product.
- Clean surfaces, connectors and/or contacts with a precision electronics cleaner, such as CRC Co Contact Cleaner 2016.
- Apply **CRC Di-Electric Grease** liberally to both connectors and/or components requiring lubrication.
- Wipe off excess with dry cloth.

VIII. Package Description

Part Number	Container Size
05109	14.2g Tube

IX. Disposal

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

X. Special Use Warnings**General**

Use only in well ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid contact with 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.