

# TECHNICAL DATA SHEET

Product No. 5109



ACN 000 725 833

## CRC Industries (Aust) Pty. Limited

PO Box 199, Castle Hill, NSW 1765.

### *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*

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

### *V. Specifications and Approvals*

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

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

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

<b>Part Number</b>	<b>Container Size</b>
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.