



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. **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. **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.
- **S.D.[L.]™ Safety Data Label.** Provides instant access to current safety information should an accident or OSHA inspection occur. Helps comply with **OSHA Hazard Communications Standard 29 CFR 1910.1200.**

IV. Physical Properties

| | | |
|--|----------------------------------|---------------------------|
| Flash Point | <u>Aerosol</u> <20°F TCC | <u>Bulk</u> >500°F COC |
| Odor | <u>Aerosol</u> Solvent | <u>Bulk</u> Low |
| Appearance | Opaque white liquid and/or paste | |
| Vapor Density | <u>Aerosol</u> >1 (air =1) | <u>Bulk</u> >5 (air=1) |
| VOC Content (Fed) | <u>Aerosol</u> 582 g/L | <u>Bulk</u> None |
| Sara Title III, Sect. 313 Chemicals | <u>Aerosol</u> Yes n-hexane | <u>Bulk</u> None |
| Prop 65 | <u>Aerosol</u> No | <u>Bulk</u> No |

| | | |
|---------------------------------|--|-----------------------|
| Boiling Point | <u>Aerosol</u> 140° F | <u>Bulk</u> >600°F |
| Solubility | <u>Aerosol</u> Not in Water | <u>Bulk</u> None |
| VOC % | <u>Aerosol</u> 90.15 | <u>Bulk</u> None |
| Specific Gravity | <u>Aerosol</u> 0.646 | <u>Bulk</u> 1.06 |
| Temperature Range (Film) | Max 400° F | |
| Propellant | Hydrocarbon – 02083, 03082 Nitrogen – 02085 None - 05107 | |

V. Specifications and Approvals

- NSF H1 Registered for use in meat and poultry plants.
- MIL S-8660C (DM-3)
- MIL C-21567A (DM-2)
- MIL S-23586E (Bulk)

VI. Performance Characteristics

| | |
|----------------------------------|---------------------------|
| Type of Film | Non-curing silicone paste |
| ASTM D-877 (Dielectric Strength) | 500 volts/mil |
| Operating Temperature Range | -70 to 400° F |
| NLGI Grade, Standard | 2 |

VII. Directions

- Always read entire label before using product.
- Shut off power supply.
- Be sure all stored power is drained from system and allow hot surfaces to cool before using this product.
- Spray a light, even film on areas requiring lubrication or protection.
- If necessary, repeat application until desired thickness is attained.
- For personal safety, do not use while equipment is energized.

VIII. Package Description

| Part Number | Container Size |
|-------------|-----------------------|
| 02083 | 16 oz Aerosol |
| 02085 | 6 oz Pressurized Tube |
| 03082 | 16 oz Aerosol |

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

Aerosol Cans

Do not puncture, incinerate or store above 120°F. 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 vapor and spray mist. 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.

DISCLAIMER: 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. All products should be tested for suitability on a particular application prior to actual use. CRC Industries, Inc. makes no representations or warranties of any kind concerning this data.

CRC Industries, Inc.
Technical Service: (800)521-3168

Industrial Products Division
Customer Service: (800)272-4620

Warminster, PA 18974
CRC On-Line: (215)442-6260



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. **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. **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.
- **S.D.[L.]™ Safety Data Label.** Provides instant access to current safety information should an accident or OSHA inspection occur. Helps comply with **OSHA Hazard Communications Standard 29 CFR 1910.1200.**

IV. Physical Properties

| | | |
|--|----------------------------------|---------------------------|
| Flash Point | <u>Aerosol</u> <20°F TCC | <u>Bulk</u> >500°F COC |
| Odor | <u>Aerosol</u> Solvent | <u>Bulk</u> Low |
| Appearance | Opaque white liquid and/or paste | |
| Vapor Density | <u>Aerosol</u> >1 (air =1) | <u>Bulk</u> >5 (air=1) |
| VOC Content (Fed) | <u>Aerosol</u> 582 g/L | <u>Bulk</u> None |
| Sara Title III, Sect. 313 Chemicals | <u>Aerosol</u> Yes n-hexane | <u>Bulk</u> None |
| Prop 65 | <u>Aerosol</u> No | <u>Bulk</u> No |

| | | |
|---------------------------------|--|-----------------------|
| Boiling Point | <u>Aerosol</u> 140° F | <u>Bulk</u> >600°F |
| Solubility | <u>Aerosol</u> Not in Water | <u>Bulk</u> None |
| VOC % | <u>Aerosol</u> 90.15 | <u>Bulk</u> None |
| Specific Gravity | <u>Aerosol</u> 0.646 | <u>Bulk</u> 1.06 |
| Temperature Range (Film) | Max 400° F | |
| Propellant | Hydrocarbon – 02083, 03082 Nitrogen – 02085 None - 05107 | |

V. Specifications and Approvals

- NSF H1 Registered for use in meat and poultry plants.
- MIL S-8660C (DM-3)
- MIL C-21567A (DM-2)
- MIL S-23586E (Bulk)

VI. Performance Characteristics

| | |
|----------------------------------|---------------------------|
| Type of Film | Non-curing silicone paste |
| ASTM D-877 (Dielectric Strength) | 500 volts/mil |
| Operating Temperature Range | -70 to 400° F |
| NLGI Grade, Standard | 2 |

VII. Directions

- Always read entire label before using product.
- Shut off power supply.
- Be sure all stored power is drained from system and allow hot surfaces to cool before using this product.
- Spray a light, even film on areas requiring lubrication or protection.
- If necessary, repeat application until desired thickness is attained.
- For personal safety, do not use while equipment is energized.

VIII. Package Description

| Part Number | Container Size |
|-------------|-----------------------|
| 02083 | 16 oz Aerosol |
| 02085 | 6 oz Pressurized Tube |
| 03082 | 16 oz Aerosol |

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

Aerosol Cans

Do not puncture, incinerate or store above 120°F. 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 vapor and spray mist. 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.

DISCLAIMER: 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. All products should be tested for suitability on a particular application prior to actual use. CRC Industries, Inc. makes no representations or warranties of any kind concerning this data.