



I. Product Description

Urethane Seal Coat® - Clear provides a clear conformal polyurethane coating that insulates electrical equipment and seals out water and moisture. This product allows clear visualization of whatever it is sprayed upon. **Urethane Seal Coat® - Clear** is an excellent insulator of PC boards, since it allows visualization of circuit paths. It dries quickly to a hard, durable, flexible film. **Urethane Seal Coat® - Clear** is non-conductive up to 1,300 volts.

II. Applications

Recommended for use on motor windings, terminals, bus bars, commutator ends, stator coils and PC boards.

III. Features & Benefits

- **Wide Temperature Range.** Effective from -90°F to 250°F.
- **Abrasion Resistant.** Provides lasting protection.
- **High Dielectric Strength.** Ideal for electrical/electronics applications.
- **M.S.D.[L.]™-Material 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 without propellant

| | | | |
|-------------------------------------|---------------|------------------|-----------------|
| Flash Point | < 20°F TCC | Boiling Point | 141°F (initial) |
| Odor | Solvent | Solubility | Neg. in water |
| Appearance | Clear, liquid | % Volatile | 63.9% |
| Vapor Density | >air | Specific Gravity | 0.8154 |
| VOC Content (Fed) | 472 g/L | pH | N/A |
| Sara Title III, Sect. 313 Chemicals | Yes | Propellant | Hydrocarbon |
| Prop 65 | Yes | | |

V. Specifications and Approvals

- NSN #5970-01-101-7019

VI. Performance Characteristics

| | |
|---------------------------------------------------|-------------------------------|
| Dry Time | 15-30 minutes for handling |
| Full Cure | 72 hours |
| Coverage | 20-25 sq. ft./can @ 1 mil. |
| ASTM D-149-09 (Dielectric Strength - film) | 1,300 volts/mil ASTM D-149-09 |

VII. Directions

- Clean surface thoroughly with a CRC Cleaner/Degreaser or Precision Cleaner.
- Mask area not to be sprayed.
- Best results are obtained when sprayed above 60°F. Spray from 12-15 inches away in light, even coats.
- Additional coats of heavy film can be applied when first coat is dry. For maximum adhesion, apply additional coats in less than 48 hours.
- When finished spraying, clean valve by turning can upside down and pressing button until only pressure escapes. If clogging occurs, remove button and clean slot and orifice with fine wire.
- Do not use on energized equipment.

VIII. Package Description

| Part Number | Container Size |
|--------------------|-----------------------|
| 18411 | 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.



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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