



Di-Electric Spray

Technical Data Sheet

Date of Preparation: December 23, 2025

DESCRIPTION

S2S Di-Electric Spray is a corrosion inhibitor designed to protect electrical and electronic components from moisture, corrosion, and stray-current-related degradation. It deposits a fluid thin film that displaces water, inhibits corrosion, and provides dielectric protection on treated surfaces.

The product forms a persistent, self-healing protective film that helps reduce galvanic interaction and corrosion caused by humidity, condensation, and environmental exposure. It is suitable for use on a wide range of electrical components and connections where moisture intrusion and corrosion are concerns.

FEATURES

- Corrosion inhibitor for electrical and electronic applications
- Displaces moisture and humidity
- Provides dielectric protection to help reduce stray-current-related corrosion
- Fluid thin film penetrates contacts and connection points
- Helps prevent corrosion without hardening or cracking
- No curing time required
- Compatible with most plastics, rubber, and insulation materials
- Low VOC formulation

USES

- Electrical connectors and terminals
- Battery terminals and housings
- Switches, relays, and contacts
- Control panels and junction boxes
- Sensors and instrumentation
- Marine and automotive electrical systems
- Industrial electrical components exposed to moisture

APPLICATION

1. Shake can well before use.
2. Remove loose dirt, debris, and heavy contamination prior to application.
3. Apply by spraying lightly and evenly onto the surface from an appropriate distance. Ensure adequate coverage of contacts, terminals, and connection points.
4. No curing time is required.
5. Use as part of a regular inspection and maintenance routine. Reapply as needed to maintain protection.

IMPORTANT NOTES

- Not intended to replace proper electrical insulation or repair damaged wiring.
- De-energize equipment before application whenever practical and follow applicable safety procedures.





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REMOVAL

The protective film does not typically need to be removed. If removal is desired, wash with a high-pH detergent and water.

DISPOSAL

Dispose of contents and container in accordance with applicable regional, national, and local laws and regulations.

STORAGE

Store in a cool, well-ventilated place away from heat and ignition sources. Shelf life 3 years.

TECHNICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS — NOT SPECIFICATIONS

- Film type: Fluid thin-film corrosion inhibitor
- Film behavior: Self-healing; non-hardening
- Corrosion protection mechanism: Moisture displacement and barrier protection
- Electrical behavior: Provides dielectric protection to help reduce stray-current-related corrosion
- Cure time: None

AEROSOL SAFETY INFORMATION

- Flammable aerosol: Category 2
- Pressurized container; do not puncture or incinerate

AVAILABLE PACKAGING

6.3 oz / 180 g

All information on this data sheet is based on testing and product knowledge by Valkyrie Enterprises. All products should be tested for suitability for a particular application prior to use. Valkyrie Enterprises makes no representations or warranties of any kind concerning this data.

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