



Automotive Rust Proofing - Aerosol

Technical Data Sheet

Date of Preparation: December 23, 2025

DESCRIPTION

S2S Automotive Rust Proofing aerosol is a corrosion inhibitor designed to protect automotive frames, undercarriages, body panels, and exposed metal components from rust and corrosion. It deposits a thick, long-lasting protective film that displaces moisture and inhibits corrosion caused by road salt, water, and environmental exposure.

The product forms a persistent, self-healing film that penetrates seams, welds, and hard-to-reach areas. It also provides dielectric protection to help reduce galvanic interaction and stray-current-related corrosion on treated surfaces.

FEATURES

- Corrosion inhibitor for automotive and light industrial use
- Thick, long-lasting protective film
- Penetrates seams, welds, and hard-to-reach areas
- Displaces water and oxygen
- Resists wash-off from road spray and moisture
- No curing time required
- Provides dielectric protection to help reduce galvanic interaction
- Compatible with most rubber components (ASTM D2240)
- Safe for use on and around battery housings and terminals
- Suitable for ferrous and nonferrous metals

USES

- Automotive frames and undercarriages
- Body panels, seams, and welds
- Suspension components and fasteners
- Battery housings and surrounding metal components
- Truck beds, trailers, and utility vehicles
- Agricultural and light industrial equipment
- Exposed metal components subject to road salt and moisture

APPLICATION

1. Shake can well before use.
2. Remove loose dirt, debris, and heavy contamination prior to application. No sandblasting is required.
3. Apply by spraying evenly onto the surface from an appropriate distance, ensuring thorough coverage of seams, welds, and exposed metal. Apply additional product as needed for heavily corroded or high-wear areas.
4. No curing time is required.
5. Inspect annually and reapply as needed to maintain protection.

IMPORTANT NOTES

- Do not apply to brakes, brake rotors, brake pads, belts, clutches, or exhaust components.
- Avoid overspray on surfaces where slip resistance is required.





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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: Thick, non-hardening corrosion-inhibiting film
- Film behavior: Self-healing; resists wash-off
- Corrosion protection mechanism: Moisture displacement and barrier protection
- Dielectric behavior: Provides electrical isolation 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

12 oz / 340 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.

S2S is a  VALKYRIE owned and distributed product

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DESCRIPTION

S2S Automotive Rust Proofing is a long-lasting corrosion-inhibiting lubricant formulated to protect vehicle underbodies, frames, and exposed metal components from rust and corrosion.

The product polar bonds to metal surfaces, forming a thick, persistent film that displaces moisture and resists wash-off from road spray, water, and contaminants. It begins working immediately and requires no curing time.

FEATURES

- Forms a thick, long-lasting corrosion-inhibiting film
- Resists splash, spray and road contaminants
- Penetrates seams, welds and hard-to-reach areas
- Displaces water and oxygen
- Helps lubricate fasteners and connectors
- Provides high dielectric strength
- Offers a wide operating temperature range

USES

Automotive frames, underbodies, rocker panels, seams, welds, fasteners, brackets, and exposed metal components.

Avoid application to braking systems.

APPLICATION

Shake or stir product before use.

1. Calculate product requirement. Each gallon will cover approximately 150 sq ft of surface area. Typical coverage varies by surface condition and film thickness. For heavily rusted or porous surfaces, more product may be needed.
2. Remove loose dirt, debris, and degreaser. Product may be applied over rusted or painted surfaces.
3. Apply evenly by spray or brush, concentrating on seams, welds, edges, and corrosion-prone areas.
4. Inspect annually and reapply if the protective film appears dry or diminished.

Painting over the product is not recommended, as adhesion may be reduced.

PERFORMANCE TESTING

- Provides long-term corrosion protection in moisture- and salt-exposed environments.
- Maintains film integrity across seasonal temperature variations.
- Exhibits load-bearing and anti-wear properties (ASTM D2783).

Supporting technical data available upon request.





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TECHNICAL PROPERTIES

Typical Properties, Not Specifications

Property	Typical Value	Test Method
Physical Form	Liquid	—
Base Type	Petroleum	—
Viscosity	High-build, non-sag coating	ASTM D2196
Relative Density	Approx. 0.87	ASTM D4052
Flash Point	Approx. 80 - 85 °C (176–185 °F)	ASTM D92
Pour Point	Approx. 6 °C (43 °F)	ASTM D97
Dielectric Strength	Approx. 9 kV	ASTM D877
Burning Characteristics	Does not sustain burning	ASTM D4206
VOC Content	0.29% by weight	—

REMOVAL

Product does not typically need to be removed. If 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 well-ventilated place at room temperature.

Shelf life: 18 months

AVAILABLE PACKAGING

12 oz / 340 g aerosol

1 gal / 3.78 L

5 gal / 18.9 L

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