

Description

S2S HD Corrosion Shield is a thick film, anti-corrosion lubricant formulated to provide long lasting protection from rust and corrosion on all metal surfaces.

S2S HD Corrosion Shield is easy to apply by spraying, brushing or dunking. It polar bonds to all types of metal, including damp, painted and rusted surfaces, providing long-term protection. Application of S2S does not require sandblasting.

Features

- Minimal surface preparation
- Bonds to all metals
- Displaces water and oxygen
- Keeps metal surfaces rust-free long-term
- Barrier against water, humidity and salt
- Compatible with electronics, rubber and plastics
- No cure time
- Wide range of operating temperatures
- Removes with a high pH detergent and water
- Environmentally friendly

Uses

Work-in-progress goods • Equipment and parts going into storage • Goods in transit • Structural steel and support bases • Wellheads • Drill rigs • Fittings and flanges • Pipelines and piping • Any exposed metal surface

Performance Results SALT SPRAY CHAMBER TEST (ASTM B117)

To determine the ability of a fluid to prevent rust and corrosion, a metal panel is coated in fluid and placed in a salt spray chamber where it is checked at regular intervals. S2S HD Corrosion Shield lasted 10 times longer than Fluid Film!

	100 hrs	1000 hrs
S2S HD Corrosion Shield	No corrosion	Still no corrosion
Fluid Film	Evidence of corrosion	Complete failure

Application

Shake or stir product before use.

1. Calculate product requirement: Coverage per gallon of product at 16 mils = 100 sq ft. surface area.
2. Prepare surface by removing dirt, debris and degreaser. No sandblasting required. Can be applied over damp, rusted and painted surfaces.
3. Spray, brush or roll product on evenly ensuring welds, cracks and corners are well-coated. No curing time.



For additional information, see the **S2S Application Guide** at www.ship-2-shore.com

Removal

Product does not typically need to be removed but if desired, simply 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 is greater than 2 years.

Data Specifications

Physical Characteristics	Liquid
Base Type	Petroleum
Pour Point	6°C (ASTM D97)
Viscosity	22500 Brookfield cP at 25C(ASTM D2196)
Flash Point	78°C (ASTM D93)
VOC content, wt.%	0.33
Relative Density	0.901 (Water = 1) @ 15.6 °C (ASTM D4052)
Burning Characteristics	Does not sustain burning (ASTM D4206)
Dielectric Strength	3.29 Kv (ASTM D877)
Rust Protection Humidity Cabinet	Pass (ASTM D1748)
Rust Preventing Characteristics	Pass (ASTM D665)

Available in 750 x 750 ml cartridge system, 5 gal / 20 L pail, 55 gal / 205 L drum, 264 gal / 1000 L.

All information on this data sheet is based on testing by Ship 2 Shore Inc. All products should be tested for suitability on a particular application prior to actual use. Ship 2 Shore Inc. makes no representations or warranties of any kind concerning this data. Supporting data available upon request. This data sheet replaces previous versions prior to 05/01/21.