

Description

S2S Void & Rudder Float Coat is a long-lasting anti-corrosion lubricant formulated to prevent rust and corrosion in void spaces on marine vessels.

S2S Void & Rudder Float Coat is applied using the float coat (fill and drain) technique, which does not require sandblasting or working in confined spaces. The float coat procedure yields 100% coverage of all contacted surfaces in one operation. S2S polar bonds to all types of metal including wet, dry, painted and rusted surfaces, providing long-term protection from rust and corrosion.

S2S Void & Rudder Float Coat water discharge meets the requirements of the California Environmental Protection Agency, the Canadian Marine Water Quality Guidelines and the British Columbia Provincial Marine Water Quality Guidelines.

Features

- Application does not require working in confined spaces
- Self-healing coverage
- Displaces water and oxygen
- Penetrates and de-scales existing rust
- Keeps voids rust free long-term
- High dielectric strength stops electrolysis
- Environmentally friendly

Uses

Ventilated and unventilated void spaces on marine vessels.

Application

Shake or stir product before use.

Step 1: Measure and Add S2S Void & Rudder Float Coat

Calculate product requirement: Coverage per gallon of product at 2 mils = 200 sq ft. surface area. Add 20% to final calculation. A pail coats 1000 sq ft; a drum coats 10,000 sq ft.

Step 2: Add Water

Place pump hose at floor of tank and slowly fill with water, avoiding turbulence. Note: Product is lighter than water and will float on top, polar bonding to all metal surfaces as it rises.

Step 3: Let Sit

When filled, turn off pump and let mixture settle for 24 hours. This will allow product to fully separate from water and bond to metal surfaces.

Step 4: Drain Void

Slowly pump water out from bottom of void. If needed, use a screen to filter out rust flakes. Dispose of discharge in accordance with applicable regional, national and local laws and regulations.



For units with heavy rust scale, proceed as above but allow more volume and time for product to soak into the rust scale. A second up and down cycle may be prudent.

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
Non-volatile content	90.57% w/w (ASTM D2369)
Pour Point	6°C (ASTM D97)
Viscosity	80.39 cSt @ 40°C (ASTM D445)
Solvent Distillation End Point	~130° C (ASTM D86)
Sulfated Residue	3.14% (w/w) (ASTM D874)
Flash Point	170°C (ASTM D92)
Salt Spray Chamber	No corrosion or pitting up to 500 hours (ASTM B117)
VOC content, wt.%	0.28%
Relative Density	0.883 (Water = 1) @ 15.6 °C (ASTM D4052)
Burning Characteristics	Does not sustain burning (ASTM D4206)
Stability (Low Temperature Recovery)	Pass
Sprayability	Pass (Sprayable at 5°C)
Miscibility	Pass

Available in a 5 gal / 20 L pail and 55 gal / 205 L drum.

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.