

Description

S2S Wire Rope Corrosion Control is a thin film penetrant and lubricant, formulated to prevent rust and corrosion on all types of wire ropes. It penetrates to the core and coats the inner fibers providing long-term lubrication and flexibility.

S2S Wire Rope Corrosion Control is applied by roller, brush, spraying or dunking. It can be applied to damp, painted and rusted surfaces and requires no sandblasting or curing time.

Features

- No curing time
- Low VOC, non-toxic
- Polar bonds to all metal
- Penetrates and lubricates to the core
- Non-tacky film does not flake or peel
- Reduces wear by resisting dirt and abrasives

Uses

Cranes • Winches • Hoists • Mooring lines • Towing wire ropes • Drilling rigs • Suspension bridges • Guy wires • Wire rope slings • Post tension cables • Rigging • Cable-stayed towers

Application

Shake or stir product before use.

1. Prepare surface by removing dirt, debris and degreaser. No sandblasting required. Product can be applied to damp, rusted and painted surfaces.
2. For small jobs, spray surface evenly using an aerosol can of S2S Wire Rope.
3. For larger jobs, product can be applied using a brush, roller, sprayer or by dunking into a large tank. For added protection, a top coating of **S2S HD Corrosion Shield** may be applied to seal the outside of the rope from moisture, reducing wear, rust and corrosion. For wire ropes used in harsh conditions, such as sandstorms, a topcoat of **S2S HD Corrosion Shield** will extend the amount of time between applications, does not gunk up and is easily washed off using a high pH detergent and water. For detailed instructions on the application of all S2S products, refer to the **S2S Application Guide** at www.ship-2-shore.com.
4. Re-apply when treated surface is dry to the touch or no longer shiny.

Application Tips:

- Spray an even coat of product while the rope/cable is being spooled.
- When not in use or during the off season, leave wire rope soaking in a tank of S2S product.

Clean up

Pour all remaining product back into container and cover. Use warm water and a high pH detergent to thoroughly clean spray equipment. If spray equipment will be used for another application of S2S products, a thorough cleaning of the lines is not necessary. However, if spray equipment will be going into storage, clean thoroughly and allow soapy water to remain in lines in order to avoid clogging.

Removal

Product does not typically need to be removed but if desired, simply wash with a high pH detergent and water.

Disposal

Dispose of 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

Base Type	Petroleum
Viscosity	33 cSt at 40°C (104°F)
Relative Density	0.869 (Water = 1) at 15.6 °C (60.1 °F) (ASTM D4052)
Burning Characteristics	Does not sustain burning (ASTM D4206)
Flash Point	154°C (309.2°F) (ASTM D92)
Pour Point	-24°C (-11.2°F) (ASTM D97)
VOC content, wt.%	0.1%
LNSL	80 kg (ASTM D2783)
Weld Point	250 kg (ASTM D2783)
Load Wear Index (LWI)	38.25 (ASTM D2783)
Rust Protection Humidity Cab.	100 hrs (ASTM D665)

Available in a 12 oz / 340 g aerosol can, 5 gal / 20 L pail and 55 gal / 205 L drum.

All information on this data sheet is based on testing by Valkyrie Enterprises. All products should be tested for suitability on a particular application prior to actual use. Valkyrie makes no representations or warranties of any kind concerning this data. Supporting data available upon request. This data sheet replaces previous versions prior to 01/10/24.