



**SHIP 2 SHORE<sup>®</sup>**  
**CORROSION PREVENTIVE COATINGS**

# Product Guide

## **M A R I N E**

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[www.ship-2-shore.com](http://www.ship-2-shore.com)

# ANCHOR CHAIN CORROSION CONTROL

## RECOMMENDED USES

- Commercial vessels
- Navy ships
- Offshore oil & gas platforms
- Navigational buoys
- Mooring buoys
- Cruise ships
- Landing craft ramps

## A LUBRICATING RUST INHIBITOR THAT REQUIRES NO SANDBLASTING

## ADVANTAGES

- No sandblasting
- Can be applied to wet surfaces
- Polar bonds to all metals, even over existing rust and paint
- Stops rust on contact
- Creeps into pitting corrosion, cracks and crevices
- Excellent lubricant and anti-seize
- Prevents corrosion between links
- Dielectric properties; stops electrolysis
- Non-hazardous and non-toxic





# ANCHOR CHAIN CORROSION CONTROL

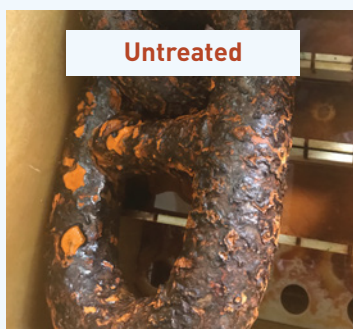
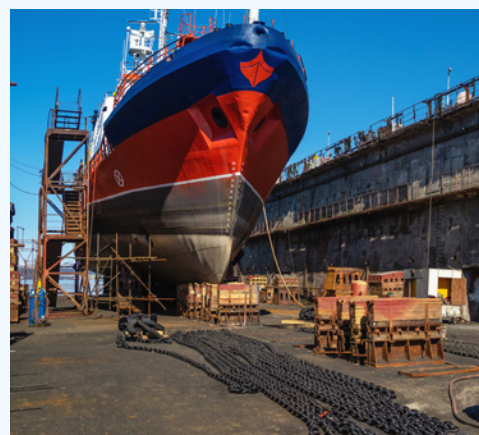
**S2S Anchor Chain Corrosion Control** works by polar bonding to metal surfaces, like a magnet to steel, displacing water and oxygen. It is a powerful penetrant that creeps into hard to reach areas, providing excellent lubrication and anti-seize capabilities. It requires no sandblasting and is easy-to-apply with an airless sprayer, brush or by dunking.

S2S Anchor Chain is recommended for use on the entire anchoring system, including:

- Chain
- Pipes (spurling, chain, hawse)
- Chain locker
- Anchor windlass
- Windlass brakes
- D-Shackle
- Swivels
- Kenter shackles
- Chain stoppers
- Bolts and pins

## POWERFUL PENETRANT

For more than 30 years, S2S has been successfully protecting marine vessels in the harshest environments. S2S Anchor Chain is proven to prevent rust and corrosion caused by salt water, fog and extreme weather. It is non-toxic and has dielectric properties that enable it to halt electrolysis.



Untreated



S2S Treated

After 1000 hrs of ASTM B117 salt spray test.



# VOID AND RUDDER FLOAT COAT

## ADVANTAGES

- No sandblasting
- Non-hazardous, non-toxic and eco-friendly
- Ultra Low VOCs
- Eliminates the need to work in confined spaces
- Can be applied to wet surfaces
- Is a self-healing lubricant
- Penetrates under existing rust and de-scales
- Electrically non-conductive; stops electrolysis

## LONG LASTING WET FILM TECHNOLOGY THAT POLAR BONDS TO ALL METAL SURFACES AND STOPS RUST IN ITS TRACKS

**S2S Void and Rudder Float Coat** is a rust inhibitor specially formulated for void spaces on marine vessels. S2S is a self-healing lubricant that penetrates into cracks and de-scales existing rust. It has been used in Canada's heavy marine industry for more than thirty years and is proven to be an effective corrosion preventive solution in unventilated void spaces. S2S is long lasting, easy-to-apply and non-toxic.



**Ballast tank coated in S2S**

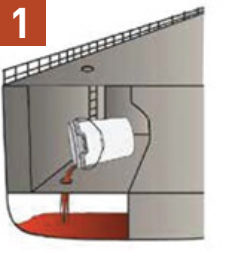




# VOID AND RUDDER FLOAT COAT

## APPLICATION GUIDE

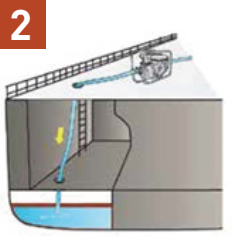
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### Measure & pour S2S float coat

Calculate product requirement: Each gallon will coat 200 sq feet. Add 20% to final calculation. A pail coats 1000 sq feet; a drum coats 10,000 sq feet.

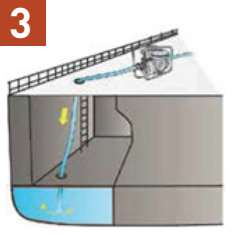
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### Gently & slowly pump in water

Place pump hose at floor of tank and slowly fill with water.  
Note: S2S Float Coat is lighter than water and will float on top and polar bond to the metal as it rises.

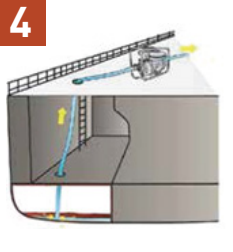
3



### Fill void area to the top of space

When the water and Float Coat reach the top, turn off the pump and let the water settle for 24 hours. This will allow the Float Coat to clearly separate from the water.

4



### Gently & slowly pump water out

Slowly pump the water out from the bottom. Use a screen to filter out rust flakes. The last portion of the water should be recaptured so the product is not pumped into ocean.



**Eliminates the need to work in confined spaces**



**Rudder coated in S2S**



# WIRE ROPE CORROSION CONTROL

## RECOMMENDED USES

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

**PENETRATES AND  
LUBRICATES TO THE  
CORE ENSURING  
EVERY STRAND IS  
COATED**

## ADVANTAGES

- Easy-to-apply
- Polar bonds to all metals
- Long lasting adhesion
- Resists splash and spray
- Creeps into strands and to the core
- Excellent lubricant and anti-seize
- Electrically non-conductive; stops electrolysis
- Can withstand extreme temperatures
- Low VOCs
- Non-hazardous and non-toxic





# WIRE ROPE CORROSION CONTROL

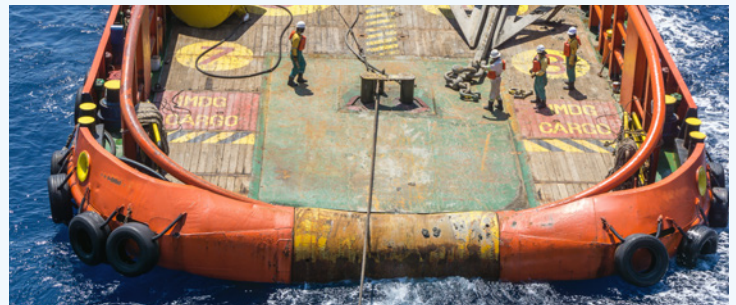
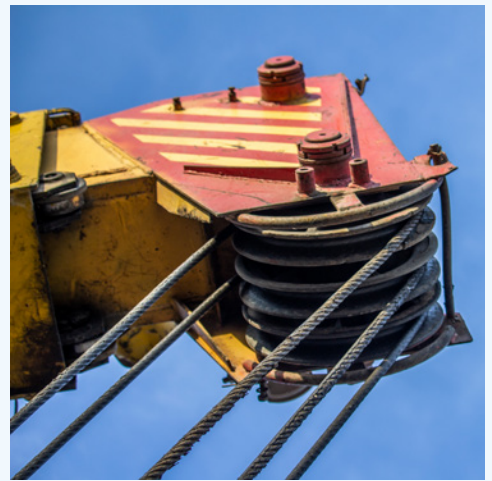
## **S2S Wire Rope Corrosion Control** is

formulated to protect all types of wire rope from rust and corrosion. It bonds to metal, like a magnet to steel, displacing water and oxygen and preventing rust long term.

Unlike grease that only sits on the surface of wire rope, S2S formula is a superior lubricant and penetrant. It creeps below the surface, in and around individual fibres all the way to the core, providing excellent anti-seize capabilities. S2S Wire Rope also has dielectric capabilities up to 40,000 volts and halts electrolysis.

For more than 30 years, S2S corrosion preventive coatings have been successfully protecting marine vessels and heavy equipment in the harshest environments. S2S Wire Rope prevents rust caused by salt spray and extreme weather. It is non-toxic and is easy-to-apply with an airless sprayer, brush or by dunking.

**EXCELLENT PENETRANT  
AND ANTI-SEIZE THAT  
BRINGS NEW LIFE TO  
RUSTED WIRE ROPES**



## RECOMMENDED USES

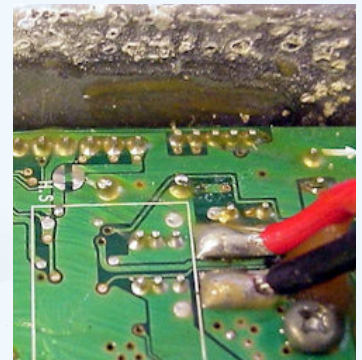
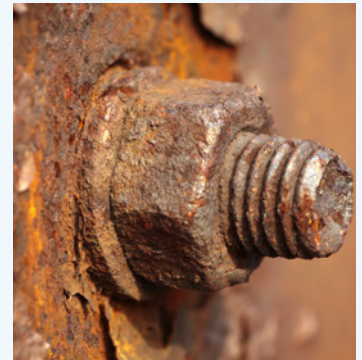
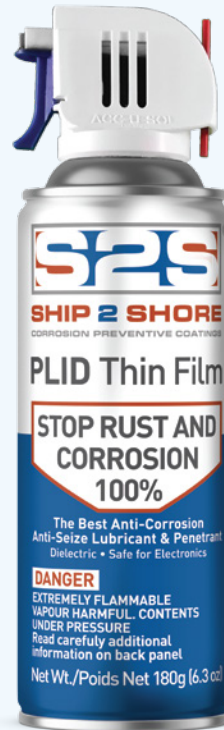
- Tools and machinery
- Bolts, hinges and locks
- Chains
- Circuit boards
- Wire cables
- Battery terminals
- Electric motors

## STOPS RUST, LOOSENS SEIZED PARTS AND PROTECTS ELECTRONICS FROM CORROSION

## ADVANTAGES

- Penetrates deep beneath the surface
- Creeps into cracks and pitting corrosion
- Leaves a thin, lubricating film
- Dielectric to 40 kV; stops electrolysis
- Low VOCs
- Environmentally friendly

**PLID Thin Film Spray** combines a rust inhibitor, penetrant, lubricant and dielectric in one multi-use formula. It acts as a liquid de-scaler and polar bonds to metal to form a long lasting, self-healing, protective barrier from rust. One application provides a thin coating of 1-4 mils, resulting in excellent penetrant and anti-seize capabilities. Apply it directly to circuit boards and battery terminals to prevent corrosion. PLID Thin Film Spray is non-toxic, non-hazardous and environmentally friendly.



**Loosens rusted wellhead studs.**





## RECOMMENDED USES

- Machinery
- Heavy duty equipment
- Garage and hanger doors
- Snow blowers
- Food processing equipment
- Boat trailers
- Conveyor belt rollers

## A LUBRICATING RUST INHIBITOR THAT RESISTS SPLASH AND SPRAY

## ADVANTAGES

- Strong protective barrier
- Long lasting lubricant
- Creeps under rust and fills pitting corrosion
- Dielectric to 8920 volts, prevents electrolysis
- Low VOCs
- Environmentally friendly

**Industrial Thick Film Spray** is a self-healing lubricant that stops rust by polar bonding to metal and displacing water and oxygen.

For more than 30 years, S2S corrosion preventive coatings have been successfully protecting marine vessels and heavy equipment in the harshest environments. The Industrial Thick Film Spray is proven to prevent rust and corrosion caused by sea spray, fog and extreme weather. It is long lasting and has dielectric properties that enable it to halt electrolysis. S2S is non-toxic, non-hazardous and safe for the environment.



# 5 in 1 ANTI-CORROSION WIPES

## RECOMMENDED USES

- Machinery
- Manufacturing equipment
- Food processing equipment
- Tooling equipment
- Tools
- Marine vessels
- Electronics/control boxes
- Light fixtures
- Metal window frames
- Railings
- Outdoor furniture
- Bikes



**A CONVENIENT NEW  
 WAY TO PROTECT  
 METAL SURFACES FROM  
 RUST WHILE  
 LEAVING A CLEAN,  
 POLISHED FINISH**

## ADVANTAGES

- Effective rust prevention
- Rust inhibitor penetrates beneath the surface of metal
- Leaves a protective micro-barrier that is dry to the touch
- Dielectric to 40 kV; stops electrolysis
- Environmentally friendly



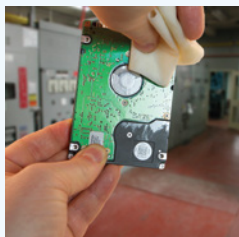
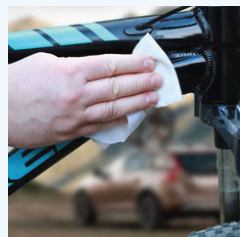


# 5 in 1 ANTI-CORROSION WIPES

**S2S 5 in 1 Anti-Corrosion Wipes** combine a cleaner, rust inhibitor, penetrant, lubricant and dielectric in one to provide a convenient new way to care for your tools and metal surfaces.

Each easy-to-use, disposable wipe is infused with an S2S corrosion preventive coating. Proven to combat rust in the most corrosive marine environments, S2S formulas are long lasting lubricants and penetrants that bond to metal, like a magnet to steel, displacing water and oxygen and shutting down rust cells.

S2S 5 in 1 Wipes leave a protective micro-barrier that is dry to the touch and environmentally friendly. Store them in your shop, garage or shed and use them as often as needed to keep your metal surfaces clean and rust free.



**GREAT FOR  
EVERYDAY  
MAINTENANCE OF  
METAL SURFACES**



# LIQUID CORROSION CONTROL

Metal Preservation, Long-Term Storage and Mothballing

## RECOMMENDED USES

- Equipment
- Parts
- Wellheads
- Pipelines, piping
- Electrical, Electronics
- Fittings, flanges,
- Offshore rigs
- Machined surfaces
- Batteries
- Sculptures
- Other metal surfaces

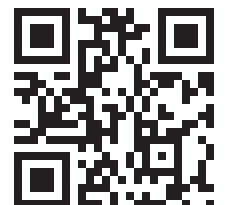
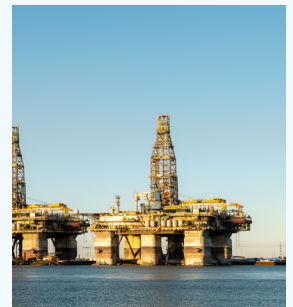
**A LINE OF PRODUCTS IDEAL FOR PREVENTING RUST AND CORROSION ON EQUIPMENT OR METAL PARTS DURING MANUFACTURE, SEASONAL STORAGE, SHUT DOWNS, MOTHBALLING, EXPORT AND OTHER PERIODS OF INACTIVITY.**

## APPLICATION

Application of S2S requires requires no sandblasting. It is easily applied with an airless sprayer, brush or roller. It is non-toxic, non-hazardous and safe on the environment.

## REMOVAL

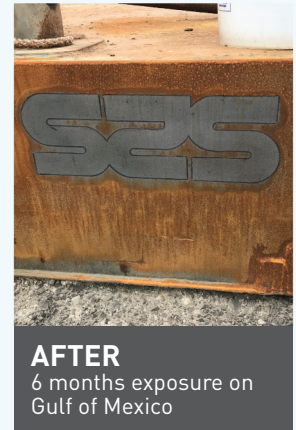
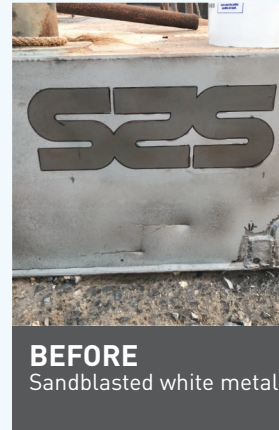
S2S bonds to metal for long lasting adhesion. It does not typically need to be removed before reactivating equipment but if you want to, then simply wash with a high pH soap and water.





## ADVANTAGES

- Easy-to-apply
- Can be applied over existing rust and paint
- Removes easily with high pH soap
- Works on dissimilar metals
- Rubber compatible to ASTM D471 standards
- Wide range of operating temperatures
- Ultra low VOC
- Non-hazardous, non-toxic and eco-friendly



**S2S Liquid Corrosion Control** comes in three thicknesses: Thin, Thick and HD (Heavy Duty).

These formulas work by polar bonding to metal surfaces, like a magnet to steel, displacing water and oxygen. They create an even, lubricating film that creeps into hard to reach areas, providing excellent anti-seize capabilities.

The three thicknesses allow the flexibility to take an individualized approach to rust and corrosion prevention. After all, not all situations are the same; weather, storage duration and type of application are all things to consider when choosing a rust inhibitor. To help in your selection, please see the following chart:

LIQUID CORROSION CONTROL			
	PLID Thin Film	Industrial Thick Film	HD Thick Film
<b>P</b> enetrant	Best	Better	Good
<b>L</b> ubricant	Good	Better	Best
<b>I</b> nhibits Rust	Good	Better	Best
<b>D</b> ielectric	Best (40,000 volts)	Better (8900 volts)	Good
Thickness of Coat	1-2 mils	8-10 mils	18-20 mils

