



338 REMINGTON ROAD
CUYAHOGA FALLS, OH 44224
Phone: 330.920.3125 Fax: 330.920.3126

SS-34

Product Description

SS-34 is an anti-foulant silicone coating. It is an easy to use 1:1 mix, 2-part liquid that when mixed, applied and cured, results in a silicone rubber coating that repels bio-fouling. Being too slippery to attach to, barnacles, zebra mussels and sea-life, slide-off with the least current. In ships, it keeps hull and running gear clean while offering enhanced cruising range via reduced build-up on the hull when moving through the water.

Product Features

- Non-toxic, clear and shiny
- Easy to apply liquid coating
- Self-priming to marine surfaces
- Works well on hulls, props, control surfaces and running gear
- Reduces drag and friction
- Increases speed, fuel efficiency and cruising range
- Bio-fouling slides off when underway, too slippery to attach to
- Essential in warm waters
- Resists rust

Typical Applications Reduce Maintenance on:

- ◆ All Fresh and Saltwater Shipping
- ◆ MRO operations on ships
- ◆ Docks, piers, tugs, port operations

Color: Clear

Ship-Slide

Professional Marine Anti-Foulant & Rust Resistant Coating

Anti-Fouling

With SS-34



Without SS-34



After 1 Year

Rust-Resistant

With SS-34



Without SS-34



After 5 Years

Typical Properties

UNCURED

Viscosity, cps	15,000 - 30,000
Specific Gravity	1.03
Consistency:	self-leveling liquid

CURE SPEED

Typical

Working time @ R.T.	20 mins.
Cure Time @ R.T.	1.5 hrs.

When cured, this product will still feel wet to the touch. The oily residue on the surface is what makes this product effective, and will continue to feel this way throughout the service life

Mixing Instructions

The preferred method of application of SS-34 is robotically through a static mixer. It can be manually mixed by hand in a user friendly 1:1 mix ratio.

Handling precautions

This is a Platinum Cure system product. The catalyst can be deactivated by exposure to sulfur containing compounds like thiols, sulfides, sulfates, organic rubber containing sulfur, nitrogen containing compounds like amines, amides, imides, azides, tin metals or compounds, or tin cured RTV's.

Chemical Cure System

Addition Cure System

Packaging

SS-34 is available in 400 ml. dual syringes, 8 lb., 40 lb. and 400 lb. kits. This product is also available in customer defined packaging sizes, upon request.

Solids

>99% solids, contains no VOC solvents

Adhesion

Primerless adhesion to most metals and

marine substrates. Note: substrates should be clean and dry before product application.

Limitations

Allow to fully cure before putting assembly into service.

Handling and Safety

For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured coating can irritate eyes and skin. Refer to MSDS.

Shelf-life

Sealed containers are guaranteed for 2 years from the ship date when stored in a cool dry area below 70 F.

Limited warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use, and the user assumes all risk and liability resulting from the use of this product. Manufacturer's sole responsibility shall be to replace the portion of product of the manufacturer proves to be defective. Manufacturer shall not be liable to the buyer or any third party for injury, loss or damage directly or indirectly resulting from the use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding by the manufacturer.

This product has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses which implantation within the human body is intended.