

SLIPS[®] Foul Protect N1x

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

SLIPS Foul Protect N1x is a revolutionary lubricious silicone foul-release coating for the control of marine biofouling organisms.

Compared to conventional marine paints, Foul Protect N1x provides a non-toxic solution by using lubricant and other mechanisms to create a surface that marine organisms, such as algae and barnacles, have difficulty adhering to.

INTENDED USES

For use on commercial and recreational oceangoing ship hulls. May also be used in structures exposed to marine fouling.

PRODUCT INFORMATION

Color	White
Finish / Sheen	Glossy/Wet
Volume Solids	>95%
Mix Ratio	4 Volume Part A to 1 Volume Part B (4:1)
Typical Film Thickness	150-250 μm (6-10 mil) (wet)
Method of Application	Spray/Roller/Brush

DRYING

Temperature	25°C / 77°F
Dry film thickness	125-200µm (5-8 mil)
Theoretical Coverage	150-200 square feet
Touch Dry	3-4 hr
Full Cure	24 hr
Working Time / Pot Life	1.5-2 hr

MIXING & APPLICATION

SLIPS Foul Protect N1x is supplied in two sealed containers containing Part A (Base) and Part B (Catalyst). After mixing the specified proportions of Part A and B, the combined mixture needs to be applied within the recommended working time of the paint.

Spray

Use 517 tip and set spray gun to 2400 to 3000 PSI. Spray from approximately one foot away moving at a steady speed of about 1 foot per second to achieve desired thickness (150-250 microns).

Brush / Roller

After mixing, brush or roll on SLIPS® to achieve the desired thickness (150-250 microns / 6-10 mils) in one coating by applying more formulation until appropriate wet film thickness is achieved.

Regulatory Data

VOC	Part A: <3%
	Part B: <10%

Note: VOC values are typical and are provided for guidance purposes only. These may be subject to variation depending on normal manufacturing tolerances.

This product does not contain organotin compounds acting as biocides and as such is in compliance with the International Convention on the Control of Harmful Anti-fouling Systems on ships as adopted by IMO in October 2001 (IMO document AFS/CONF/26).

Shelf-life

Unopened cartridges and cans have a shelf life of 6+ months if stored according to the recommended storage conditions. Although not recommended, opened/ partially used cartridges and cans can also be stored under the same conditions.

Recommended Storage Conditions

The product needs to be stored in a clean and dry environment for best use. Store the cartridges and cans, tightly closed, at 25°C and <60% relative humidity before and after using.

Disposal

Expired or used material in cans can be disposed of after combining the two parts together & fully curing them. Allow the contents to cure overnight and then dispose of them in a solid waste stream. Any other disposable items contaminated by formulation can also be disposed of in solid waste. For any uncured formulation that spreads on bench tops and counters during application, it can be removed using paper towels wetted with common lab solvents mentioned above.

Safety

All work involving the application and use of this product should be performed in compliance with all relevant national Health, Safety & Environmental standards and regulations.

Prior to use, obtain, consult and follow the Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the Safety Data Sheet and container labels. If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use this product. Proper ventilation and protective measures must be provided during application. Take precautions to avoid skin and eye contact (e.g. gloves, goggles). Actual safety measures are dependent on application methods and work environment.

Shipping

SLIPS® Foul Protect N1x requires labeling on shipping packages due to some flammable components in the mixture. Refer to Section 14 of both Part A & Part B's Safety Data Sheets to learn more about shipping labels.

EMERGENCY CONTACT

In case of emergency contact your local poison control office or doctor.