



Nano-Based Technology

- Copper-Free, Solvent-Free and Tin-Free
- Environmentally Friendly
- UV Reactive Biocide



Mission Bay CSF

Self-Polishing
Nano-Based Technology
4500 Series



Product Description

Copper and Solvent-Free (CSF) ablative, self-polishing antifoulant. Enhanced, Nano-Based Technology copolymer, biocide release mechanism. Prevents coating buildup and reacts with UV light. Mission Bay may be used on aluminum hulls without the use of a traditional barrier coat system.

Product Information

Colors:	Red 4501, Blue 4502, Green 4503 Black 4505, White 4510,
Finish/Sheen:	Semi-Gloss
Converter:	One Pack
Copper Content:	0% All Colors
Voume Solids:	55% ($\pm 2\%$)
Solids by Weight:	65%
Mix Ratio:	One Pack
Shipping Weight:	14-15 Lbs./Gal.
Flash Point:	N/A
VOC:	150 Grams/Liter
Film Thickness:	5 mils wet equals 2.75 dry per coat
Recommended Coats:	3 Full Coats on Entire Hull
Theoretical Coverage:	320 Sq.Ft./recommended film thickness

Benefits VS. Competition

- Over 80% Lower VOC's than Solvent-Based Paint
- Safe for Aluminum Hulls
- More Vibrant Colors
- No Mud Cracking
- May Be Applied Over Other Ablative Antifoulant Paints (See Compatibility Chart)

Application Details

Method:	Brush, Roller or Spray
Induction Time:	Not Applicable
Thinner:	Water
Cleaner:	Water
Pot Life:	Not Applicable

Overcoating Interval

Drying time in Hours

Substrate Temp.	Touch	Min.	Max.	Launch
73°F (23°C)	2 Hr	1 Hr	N/A	12 Hrs
95°F (35°C)	1 Hr	1 Hr	N/A	12 Hrs

Consult your Sea Hawk Representative for the system best suited for surfaces to be protected.

APPLICATION

Apply by brush, roller or spray. Apply 5 mils wet, which will yield 2.75 mils dry per coat.

Equipment

Brush: China Bristle

Roller: Solvent Resistant Roller Cover 3/8" pile smooth to medium Prewash Roller Cover to remove loose fibers prior to use.

Airless

Spray: Minimum 33:1 -2 GPM ratio pump; "0.017-0.026" orifice tip; 3/8" ID high-pressure material hose; 90 PSI line pressure; 60 mesh filter.

Thinning

If thinning is necessary, thin up to a maximum of 10%, with water.

Cleanup

Clean all equipment immediately after use with water. It is a good practice to periodically flush out spray equipment during the course of the day. Frequency should depend upon amount sprayed, temperature, elapsed time including delay, etc.

Safety

Prior to use, obtain and consult the "Material Safety Data Sheet" of this product for health and safety information. Read and observe all precautionary notices on container labels

Surface Preparation

Paint only clean, dry surfaces. Remove all grease, oil, wax, or other foreign material using SeaHawk S-80, S-90, or detergent washing. (SSPC-SPI).

New Construction: Dependent on yard procedures, consult your Sea Hawk Representative.

Previously Painted Surfaces: If previous coating is known to be compatible (See SeaHawk Compatibility Chart) and in good condition, scuff sand with 80 grit sandpaper then solvent clean with SeaHawk S-80 Wax "N" Greaser to remove residue. In poor condition remove antifouling with SeaHawk 1280 Marine Stripper.

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Limitations

Apply in good weather when air and surface temperatures are above 50°F (10°C). Surface temperature must be a least 50°F (10°C) above dew point. For optimum application properties, bring material to 70-80°F (21-27°C) temperature range prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 40° and 100°F (4-38°C).

Prolonged atmospheric exposure of this product may detract from performance.

Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating application procedures. As application, environmental and design factors can vary significantly due care should be exercised in the selection, verification of performance, and use of the coating.