



Copper-Free Ablative

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



Mission Bay Superior Protection No Environmental Impact

4000 Series



Product Description

Copper-Free Self-polishing antifoulant. When exposed to UV light, the Nano-Based technology copolymer releases the active non-metal biocide which dissipates in seconds without bioaccumulation into the environment. Mission Bay may be used on aluminum hulls without the use of a traditional barrier coat system.

Benefits VS. Competition

- Safest, environmentally-friendly product on the market
- The most advanced non-metal biocide available
- Completely eliminates the leaching of copper compounds into the environment
- Ablative and self-polishing
- No barrier coat needed over most antifouling paints
- Ideal for all types of craft – fiberglass to aluminum
- Helps prevent electrolysis

Product Information

Colors:	Red 4001, Blue 4002, Green 4003 Black 4005, and Off-White 4010
Finish/Sheen:	Semi-Gloss
Converter:	One Pack
Copper Content:	0% All Colors
Volume Solids:	45% (±2%)
Solids by Weight:	63%
Mix Ratio:	One Pack
Shipping Weight:	12-13 Lbs./Gal.
Flash Point:	105°F
VOC:	298 Grams/Liter
Film Thickness:	6 mils wet equals 2.7 dry per coat
Recommended Coats:	3 Full Coats on entire hull
Theoretical Coverage:	267 Sq.Ft./recommended film thickness

Application Details

Method:	Brush, Roller or Spray
Induction Time:	Not Applicable
Thinner:	Sea Hawk 2033
Cleaner:	Sea Hawk 2033
Pot Life:	Not Applicable

Overcoating Interval

Drying time in Hours

Substrate Temp.	Touch	Min	Max	Minimum Launch
73°F (23°C)	2 hr	1 hr	Not Critical	12 hrs
95°F (35°C)	1 hr	1 hr	Not Critical	12 hrs

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

Surface Preparation

Paint only clean, dry surfaces. Remove all grease, oil, wax, or other foreign material by solvent or detergent washing. (SSPC-SPI)

Compatibility: For pleasure craft applications, please refer to our [Sea Hawk Compatibility Chart](#) to ensure compatibility when applying MISSION BAY antifouling paint over existing bottom paint.

Previously Painted Surfaces: is suitable for application over previous painted surfaces per compatibility check. For correct procedures please refer to the [Application Guidelines for Fiberglass/Gelcoat](#).

Fiberglass or Vinyl Ester Hulls: MISSION BAY is suitable for this substrate. For correct procedures please refer to the [Application Guidelines for Fiberglass/Gelcoat](#).

Wood Surfaces: New Work - Sand the wood surface with 80 grit sandpaper, remove the sanding dust with Sea Hawk S-90 Cleaner, allow to dry and apply the first coat of MISSION BAY bottom paint. Reduce the first coat (only) 20% with Sea Hawk 2033 Thinner to maximize surface penetration. Next, apply whatever seam compound if needed, allow to dry in accordance with the product label and apply two more coats of MISSION BAY without any Thinner reduction.

Aluminum: MISSION BAY bottom paint may be used on an aluminum hull. Tuff Stuff Epoxy primer is recommended prior to application to ensure proper adhesion.

Steel Vessels: Sea Hawk MISSION BAY antifouling paint is normally used as part of a paint system for underwater hull areas on steel vessels. Nominally, MISSION BAY is applied over a properly cleaned existing surface of another antifouling paint or sealer. The surface must be clean and dry prior to application, free of all surface contamination. We highly recommend the hull bottom be high pressure water washed immediately upon haul out with 2,500-3,000 psi clean fresh water. Some areas may need to be cleaned in accordance with SSPC-SP-1 Solvent Cleaning to ensure all oils, grease, and other contaminants are removed. Please refer to additional data below and the section on recommended systems for steel below.

Additional Data For Painting Steel Hulls: If the surface to be painted is also to be repaired with an epoxy primer system, we recommend the area first be grit blasted to SSPC-SP-10 'near white metal', cleaned free of dust and blast media and primed in accordance with the primer system specifications. Please refer to the specified primer data sheet for application details. Make sure the first coat is applied within the proper over coating window of the last coat of epoxy primer which is normally while the epoxy is still tacky but cannot be removed with the thumb. Apply at least two coats of antifouling for best performance. See [Technical Bulletin STL45](#) for detailed information.

Limitations:

Apply in good weather when air and surface temperatures are above 50°F (10°C). Surface temperature must be at 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.

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Mixing: MISSION BAY bottom paint contains a moderate concentration of Biocides and may have settled in transit. Product must be thoroughly mixed with power mixer/shaker until uniform.

Additives: You may use up to two 1/2 pints of BioBoost paint additive per gallon.

Induction Time: Not Applicable

Thinning: If necessary, maximum 10% Sea Hawk 2033, 2035

Cleaning Sea Hawk 2033, 2035, Xylene

Pot Life: Not Applicable

Brush/Rolling: Solvent Resistant Roller Cover 3/8" pile (nap), 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.

Conventional Spray: Please contact your Sea Hawk representative for more specific information.

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.

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