

TBT-Based Copper-Free Antifouling (Non U.S.)

- Developed for the Caribbean islands
- The only tin-based copper-free antifoulant on the market
- High resistance to tropical growth, including grass



Tin-Based Antifouling 1300 Series



OVER
40
YEARS

PRODUCT DESCRIPTION

Biotin Plus is the best straight tin based antifouling paint on the market today. With a high concentration of tin, it will effectively guard any vessel from fouling for multi-seasons. Biotin Plus will out-perform any other straight tin-based antifouling paint in the world. Biotin Plus was designed specifically for aluminum boats.



PRODUCT INFORMATION

Colors: Black 1345, Blue 1342, Green 1343, White 1334

Finish/Sheen: Gloss

Converter: One Pack

Copper Content: 0%

Tributyltin Methacrylate: 20.05%

Tributyltin Oxide: 9.44%

Volume Solids: 65.52% ± 2%

Mix Ratio: One Pack

Shipping Weight: Black - 12.61 Lbs/Gal (5.71 kl/Gal)

Blue - 11.97 Lbs/Gal (5.42 kl/Gal)

Green - 12.21 Lbs/Gal (5.53 kl/Gal)

White - 12.39 Lbs/Gal (5.62 kl/Gal)

**All colors are not available in all states*

Flash Point: 100° F (38°C)

VOC: 418 Grams/Liter

Film Thickness: 5 mils (127 μ) wet film thickness (WFT) equals 3.25 (82.55 μ) dry film thickness (DFT) per coat

Recommended Coats: 2 coats on entire hull and 3 at waterline and other high wear areas

Theoretical Coverage: 250 sq.ft./gal. (23.22 m²) @ recommended film thickness

FEATURES & BENEFITS

- The Only Tin-Only Paint Available on the Market - No Other Comparable Product
- Highest Level of Antifoulant Protection
- Proven Results for Aluminum
- Copper-Free
- Better Color Consistency for Color Matching (Less Shading Issues)
- Consistent Viscosity = Better Flow and Rolling Ability in Every Gallon



BIOTIN PLUS™

Technical Data Sheet

APPLICATION CONTROLS

Method: Brush, roller or spray

Induction/Sweat-in Time: Not applicable

Thinner: Sea Hawk 2031

Cleaner: Sea Hawk 2031

Pot Life: Not applicable

Overcoating Intervals:

| Substrate Temp. | Touch Dry | Overcoating Time | | Launch |
|-----------------|-----------|------------------|-----|--------|
| Temp F° (C°) | Min | Min | Max | Min |
| 73°F (23°C) | 2 hrs | 1 hrs | N/A | 12 hrs |
| 95°F (35°C) | 1 hrs | 1 hrs | N/A | 12 hrs |

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

LIMITATIONS

Apply in good weather when air and surface temperatures are above 50°F (10°C). Surface temperature must be a least 5°F (1°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.

SURFACE PREPARATION

Paint only clean, dry surfaces. Remove all grease, oil, wax, or other foreign material using Sea Hawk 2-80, S-90 or detergent washing. (SSPC-SPI)

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

Previously Painted Surfaces: If previous coating in know 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.

Application Data

Apply by brush, roller or spray. Apply 5 mils wet, which will yield 3.25 mils dry per coat.

Brush: China bristle

Roller: Solvent Resistant Roller Cover 3/8" (10 mm) 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" (0.43-0.66 mm) orifice tip; 3/8" (10 mm) 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 Sea Hawk 2031 only.

CLEANUP

Clean all equipment immediately after use with Sea Hawk 2031. 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.