

### TBT-BASED PAINT (NON U.S.) Self Cleaning Copolymer Antifoulant

- The Highest Level of Protection Available Today
- Multi-Season Protection for the Harshesht Environments in the World
- No Other Comparable Paint on the Market



### Tin-Based Antifouling. 1000H Series



#### Product Description

Islands 44 Plus HARDER was developed for the harshest tropical environments in the world. Islands 44 Plus HARDER is a multi-seasonal self-polishing paint. It has a high load of copper and tin that will en-sure maximum protection against marine growth. Islands 44 Plus is also available in a hard formulation. It has the same proper-ties, just a little harder, for our "mega" yacht customers.

*This product may not be sold or applied in the United States. Please check with your respective Country for regulatory requirements regarding sale and use of the product.*

#### Features and Benefits

- Self-cleaning copolymer with high load of tin (TBT) and copper
- The only tin (TBT) paint available on the market
- Highest level of antifoulant protection available
- Highest quality grade of cuprous oxide available (more potent active ingredient)

#### Product Information

**Colors:** Black 1005H, Blue 1002H, Green 1234H, Teal 1235H, Red 1001H, Dark Blue 1030H

**Finish/Sheen:** Gloss  
**Converter:** One Pack  
**Copper Content:** 34.59%  
**Tributyltin Methacrylate:** 10.53%  
**Tributyltin Oxide:** .45%  
**Volume Solids:** 69% ± 2%

**Mix Ratio:** One Pack  
**Shipping Weight:** 14.5 lbs./gal.  
**Flash Point:** 80°F/27°C  
**VOC:** 400 Grams/Liter  
**Film Thickness:** 5 mils wet equals 3.45 dry per coat  
**Recommended Coats:** 2 heavy coats on entire hull and 3 at waterline and other high wear areas  
**Theoretical Coverage:** 400 sq.ft./gal. @ recommended film thickness

#### 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 Interval

Drying Time (Hrs)

Substrate Temp.	Touch	Min	Max Re-coat	Launch Minimum
73°F (23°C)	3 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.



OVER  
40  
YEARS

## Islands 44 Plus HARDER

### Technical Data Sheet

#### 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 Islands 44 Plus HARDER antifouling paint over existing bottom paint.

**Previously Painted Surfaces:** Islands 44 Plus HARDER is suitable for this substrate. For correct procedures please refer to the [Application Guidelines for Fiberglass/Gelcoat](#).

**Fiberglass or Vinyl Ester Hulls:** Islands 44 Plus HARDER 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 Islands 44 Plus HARDER bottom paint. Reduce the first coat (only) 20% with Sea Hawk 2031 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 Islands 44 Plus HARDER without any thinner reduction.

**Aluminum:** Islands 44 Plus HARDER antifouling paint may be used on an aluminum hull only when used with the proper barrier coat system described in [Technical Bulletin AL1284](#). Islands 44 Plus HARDER is not to be used on bare aluminum.

**Steel Vessels:** Islands 44 Plus HARDER antifouling paint is normally used as part of a paint system for underwater hull areas on steel vessels. Nominally, Islands 44 Plus HARDER 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 antifoulant for best performance.

#### Limitations:

\* Islands 44 Plus HARDER can be applied over any other bottom paint except soft abrasives. Previous soft abrasive antifoulant paints must be removed or 2 coats of Sea Hawk Island Prime 1283 Barrier Sealer applied before application.

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.

#### Tin-Based Antifouling 1000H Series



#### Application Data

**Mixing:** Islands 44 Plus HARDER antifouling paint contains a moderate concentration of copper oxide and may have settled in transit. Product must be thoroughly mixed with power mixer/shaker until uniform.

**Induction Time:** N/A

**Thinning:** If necessary, maximum 10% Sea Hawk 2031 Reducer

**Cleaning** Sea Hawk 2031

**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 "Safety Data Sheet" of this product for health and safety information. Read and observe all precautionary notices on container labels.

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