

PRODUCT DATA SHEET
AWLSTAR HS GOLD LABEL ANTIFOULING
BP231, BP431, BP531, BP532 & BP731

Features & Uses

Awlstar HS Gold Label Antifouling boasts a unique cleaning mechanism which prevents the permanent attachment of slime and all other types of fouling organisms. Awlstar HS Gold Label Antifouling has a self polishing mechanism which “ablates” away at a controlled rate. This reduces drag on the underwater hull while maintaining a fresh layer of active paint at all times; increasing fouling protection. Awlstar HS Gold Label Antifouling is recommended for use where extended dry-docking intervals are required. For use below the waterline only on fiberglass, steel or wood hulls. **DO NOT USE ON ALUMINUM.**

Specification Data

Type: Tin-free Polypeptide Co-Polymer.

Packaging: Available in 1 Gallon container.

Active Ingredients:

Cuprous Oxide	33.40*
* (Metallic Copper Equivalent)	(29.66%)
Inert Ingredients	64.85
	100%

Theoretical Coverage – sq. Feet/Gallon:

1027 Sq.Feet (95m²) at 1 mil dry (25 microns); 247 Sq.Feet (23m²) at recommended dry film thickness: 4 mils (102 microns) 2 coats. Coverage calculations are based on theoretical transfer efficiency of 100%. Actual coverage rate obtained will vary according to equipment choice, application techniques, part size, and application environment.

Recoatibility: With itself; 4 hours minimum at 77°F (25°C)/50% R.H. No maximum recoat time. To Launch: 77°F (25°C) /50%.: 5 hours minimum, 24 hours preferred. No maximum launch time.

VOC: Average 330g/l or 2.75lbs/gallon

. Product Components, Reducers, Additives, and Auxiliary Components

Charcoal Black	BP231
Medium Green	BP431
Light Blue	BP531
Deep Blue	BP532
Red	BP731
Navy Blue*	BP539
Reducer	T0101
Equipment Cleaning	T0101 Reducer or M.E.K.

*Special Order Only

Application Equipment

Conventional or airless spray, brush, or roller. Pressure feed equipment required for spray application.

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Airless Equipment

Graco or Binks equivalent

Orifice Size: 0.28" - .043"

Fan size & Angle: 8" - 80°, or 6" - 60°

On a 25-1 pump, the input pressure gauge should read 70 to 80 lbs.

On a 40-1 pump, the input pressure gauge should read 50 to 60 lbs.

High Volume Low Pressure Guns

Binks MACH 1 or equivalent pressure pot:

Fluid nozzle.....#905 or 909 (0.89" and .111")

Fluid needle.....#54-4382

Air Nozzle.....905-907P

Pressure Pot

Spray gun: #95

Fluid nozzle: #68SS (.110" Orifice size)

Fluid needle: #668

Air nozzle: #68PB

Pressure gauge should read 15-25lbs. Atomizing pressure 50+ lbs.

Surface Preparation

New Applications: Prime with HULLGARD Epoxy Primer D6070/D3707. Apply the first coat of AWLSTAR HS GOLD LABEL according to recommended recoat times (see Hullgard Epoxy Primer Product Datasheet).

Renewing AWLSTAR HS: Power wash as soon as the boat comes out of the water, allow to dry. Sanding is not normally required but a thorough 80 grit sanding is advised under any of the following conditions:

- Any time the cleanliness of the surface is in doubt.
- Fast boats which have ablated to a very smooth surface.
- Sailboats which were recently burnished.
- The surface was not power washed immediately after hauling.

Mixing & Reduction

Check for settling, then thoroughly mix until a consistent homogenous blend is obtained. Power mixers or shakers are preferred. If not available, thorough hand mixing is acceptable.

Reduction is not normally recommended. However, if needed for spray equipment or brush/roller application, 10% or 12 oz per gallon with T0101 is a recommended maximum reduction.

Induction Time after Mixing: N/A

Anticipated Pot Life at 75°F / 50% R.H.: N/A

Application Instructions

AWLSTAR HS GOLD LABEL can be applied by airless spray, brush, rollers or air atomized spray. Apply 3.3 mils WFT per coat, yielding 2 mils DFT per coat.

For maximum antifouling performance and protection apply a minimum of 2 coats of AWLSTAR HS GOLD LABEL Antifouling. Optimum performance is achieved at a total dry film thickness of 4 mils. One gallon of AWLSTAR HS GOLD LABEL Antifouling is required for each 247 square feet of below waterline hull area to achieve 4 mils DFT. To provide a built-in indicator of when it is time to renew your AWLSTAR HS GOLD LABEL Antifouling, apply the first coat in a different color from the remaining coats. When you can see the first color showing through, it is time to renew. Extra protection and more uniform wear properties result when 1 or 2 extra coats of AWLSTAR HS GOLD LABEL Antifouling are applied to high wear areas.

Warning: Important, Awlstar HS Gold Label Antifouling must not be used on aluminum.

Do not apply paint materials to warmer than 105°F or colder than 45°F. Do not attempt to cure products at temperatures below 45°F.

The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.