

Underwater Anti-Corrosive Primer

- Compatible Over Existing (Non-Vinyl) Antifoulants
- No Overcoat Window
- Improves and Promotes Adhesion
- Prevents Galvanic Corrosion
- TBT Sealer



Underwater Primer Adhesion Promoter SH-984



OVER
40
YEARS

PRODUCT DESCRIPTION

Shawkocon is a fast drying, general purpose below the waterline anti-corrosive primer. Its' physical properties and excellent adhesion characteristics provide an easy to use multi-functional primer:

- Conversion/Sealer coating over tributyl tin (TBT) based paints or any unknown well-adhered antifoulant paint to prevent cracking and promote adhesion of a new antifouling paint.
- Barrier/Sealer coating over incompatible or unknown antifoulants to prevent cracking and promote adhesion of a new antifouling paint.
- An excellent barrier coat to reduce pitting of underwater metals from galvanic corrosion on running gear, lower units of outboards, keels, and I/O's



PRODUCT INFORMATION

Colors: Gray Metallic

Finish/Sheen: Matte

Typical Shelf Life: 2 Years

Volume Solids: 39% ± 2%

Solids by Weight: 49.6%

Mix Ratio: One Pack

Shipping Weight: 8-9 lbs./gal. (3.63-4.08 kg)

Flash Point: 80°F (26.6°C)

VOC: 420 Grams/Liter

Typical Film Thickness: 2.0-2.5 mils (50.8-63.5 μ) dry film thickness (DFT) per coat, (5.1-6.4 mils (129.5-162.5μ) wet film thickness (WFT))

Recommended Coats: As a sealer, 1 coat. As a metal primer, 3-4 coats

Theoretical Coverage: 250 sq.ft./gal. (6.13 m²/L) @ 2.5 mils (63.5 μ) DFT

FEATURES & BENEFITS

- A novel single component, fast drying anti-corrosive primer for underwater hull applications to fiberglass, steel, aluminum and wood.
- A useful sealer primer used over existing anti-fouling paints (excluding vinyl types) to enhance the adhesion of a freshly applied antifouling. May be used to seal unknown anti-fouling paints of provided the existing anti-fouling is still intact and free of all surface imperfections.
- Ideally used as a seal coat over existing TBT anti-fouling paints to accept non-TBT types without the typical softening that normally occurs.
- When used as a metal primer on steel, Shawkocon prevents corrosion and on aluminum prevents oxidation or metal fatigue.



- May be used on all underwater metal surfaces including outboard and inboard units with or without existing intact paint.
- No over coat window provided
- Designed to use as part of a multi-coat system on all underwater hull metal surfaces in the pleasure craft and commercial marine industry.

APPLICATION DETAILS

Method: This product may be applied by airless and conventional spray, solvent resistant rollers and brushes.

Dry Times and Overcoating Intervals:

Substrate Temp.	Touch Dry Minimum	Overcoating Time (self) Minimum	Solvent-Based Antifouling Minimum	Water-Based Antifouling Minimum
41°F (5°C)	1.5 hrs	3 hrs	6 hrs	24 hrs
60°F (15°C)	1 hr	3 hrs	3 hrs	16 hrs
73°F (23°C)	1 hr	3 hrs	3 hrs	12 hrs
95°F (35°C)	1 hr	3 hrs	3 hrs	8 hrs

Please contact your Sea Hawk representative for Commercial Marine application and overcoating dry times.

SURFACE PREPARATION

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

Aluminum and Steel Vessels: Sea Hawk Shawkocon Primer SH984 is normally used as part of paint systems for below the waterline. Shawkocon Primer must be applied over properly cleaned metal surfaces, free of all surface contamination. Some areas may need to be cleaned in accordance with SSPC-SP-1 Solvent Cleaning using Sea Hawk S-80 to ensure all oils, grease and other contaminants are removed. Please refer to additional data below.

Additional Data For Painting Metal Hulls: Prior to application to any metal surface, we recommend the area first be grit blasted to SSPC-SP-10 near white metal to a blast profile of no less than 1.5 mil. On aluminum, you cannot use metal grit and must blast with a non-metallic media but to the same blast profile. Once the surface is blast cleaned, free of

dust and blast media painting can commence in accordance with the paint system specifications. Follow the paint system specifications for dry film thickness and over coating times. As there is no maximum over coating window for Shawkocon Primer, you can apply one day and return to the over coating several days thereafter.

Metal Surfaces Not Blasted: In many cases, some boatyards or shipyards cannot blast the metal surface and must clean by power tool such as power grinders. We strongly recommend grinding with 24-36 grit wheels in accordance with SSPC-SP-3, Power Tool Cleaned and then make sure the grinding dust is removed with blown air, brushes or similar. Make sure there are no deep gouges in the metal from the grinding procedure. We do not recommend dust removal be done with rags with or without thinner as the fibers in the rags can become stuck onto the sharp edges of the cleaned surface. Those fibers can then 'wick' water to the substrate which can cause blistering or delamination from under the paint system at some future date. On power tooled surfaces, we also recommend that the bare cleaned metal be primed with Sea Hawk Alumi-Chrome S-75 which will improve the overall adhesion of the Shawkocon Primer. Alumi-Chrome Primer is an acid etch primer that must be over coated after one hour to a maximum of 24 hours.

Note: Blasted steel and aluminum must be painted as soon as possible after blasting to avoid any rust 'bloom' or oxidation from high humidity. Should the surface 'turn' before the first coat of Sea Hawk Shawkocon Primer can be applied, we strongly recommend the surface be 'grit swept' in accordance with SSPC-SP-7 Brush Off Blast to remove the 'rust bloom' or aluminum oxide and then continue with the application of the paint system.

Fiberglass surfaces: Make sure all surface contamination is first removed including any residual mold release agent, followed by thorough sanding with 60-80 grit sandpaper. Once thoroughly sanded, wipe down with rags saturated with Sea Hawk Thinner S-80 to remove all the sanding dust. This procedure should be followed by at least 1-2 coats of Shawkocon Primer for general purpose applications.

Wood surfaces: Wipe down the bare wood with Sea Hawk Thinner S-80, sand thoroughly with 60-80 grit



paper, wipe down again with Thinner S-80 to remove the sanding dust and apply the Shawkocon Primer when dry. Apply 1-2 coats as required.

LIMITATIONS

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

Application Data

Mixing: Sea Hawk Shawkocon Primer SH984 must be thoroughly mixed with power mixer/shaker until uniform.

Induction Time: Not Applicable

Thinning: If necessary, maximum 10% Sea Hawk Mineral Spirits 7100

Cleaning: Sea Hawk Xylene 7130, or S-80

Pot Life: Not Applicable

Brush/Rolling: Solvent Resistant Roller Cover 3/8" (9.5 mm) pile (nap), smooth to medium. Prewash roller cover to remove loose fibers prior to use.

Airless Spray: Minimum 28:1 GPM ratio pump; 0.019"-0.025" (.48-.635 mm) orifice tip; with approximately 2500-3000 PSI (17,236.89-20,684.27 kPa) pressure.

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.