

The **ONLY CLEAR** Hard film Silane - siloxane Hull Coating

SEA-SPEED® V 10 X ULTRA - CLEAR underwater hull coating is another innovation in marine hull performance and protection, **SEA-SPEED® V 10 X ULTRA - CLEAR** is the culmination of years in development and testing for superior durability and function to protect hulls from osmosis and help reduce the impact of fouling. It also improves performance (speed) and fuel utilization. Designed as the most effective and longest lasting protection technology available globally. Increasing and maintaining peak performance and durability for years is key for all types of vessels. Engineered for all types of commercial vessels as well as Motor yachts, sailing yachts, high speed craft and sport boats including personal watercraft.

SEA-SPEED® V 10 X ULTRA - CLEAR is another first for Seacoat. Our **SEA-SPEED** hull coatings have an excellent service record in commercial, military and pleasure craft applications since 2001. It is water clear thin film coating that utilizes Fouling release technology rather than cuprous oxide and biocide toxins.

It is a silane – siloxane nano coating that cures to an extremely hard glass smooth finish. It is a non-stick easy clean surface. **SEA-SPEED® V 10 X ULTRA - CLEAR should be applied by airless Spray.** This technology does not utilize toxic materials as it also has our proprietary VMT thereby making the surface less attractive for biofilm and organisms under operating conditions. **SEA-SPEED will foul similar to toxic paints in low use and idle conditions. It is the owners' responsibility to maintain the hull cleanliness by use and or hull cleaning depending on use level and geography.**

It is a very hard, durable and highly abrasion and impact resistant elastomeric film. Ideal for trailered boats, racing boats or for the owner that wants the original hull aesthetics.

Product Benefits:

- **Non – Stick FRC**
- Non-toxic, environmentally safe (no poison).
- Very low V.O.C. emissions (volatile organic compounds).
- Extremely hard yet flexible film to resist against damage and wear.
- Low surface energy / coefficient of friction to maximize hull efficiency.
- Glass smooth surface < 5 microns Average surface roughness.
- Underwater scrub capable without damage to the coating or environmental impact.

Application Benefits:

- One coat application over Gel – Coat or over epoxy barrier coats.
- Airless spray or HVLP pressure pot are preferred techniques, Consult Seacoat technical prior to attempting application.
- Easy to spray with high sag resistance and excellent edge retention.

Product Applications:

- Commercial vessels of all types.
- Sailing & Motor yachts.
- Fast craft.
- Sport & fishing boats.
- Personal watercraft.

Characteristics:

- 95% solids.
- Very low VOC's.
- NON HAPS Solvents.
- 10 Year Warranty Available.
- No Toxic biocides.
- No TBT or Cuprous oxides.
- Excellent physical / curing properties.
- Re – Float in 24 hours Minimum.

This technical data sheet Jun 2020 supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Material Safety Data Sheet (MSDS) and the Application Guide (AG) for this product. Please visit our website at www.seacoat.com

Date of issue: 1st June 2020

PRODUCT & PERFORMANCE DATA @ 25° C

Gloss:	High
Color:	Clear
Abrasion Resistance:	ASTM D 4060: < 31 mg loss
Salt Fog:	ASTM B117-11: 6,000 hours – Pass
Mandrel bend:	ASTM D522: 2.5 inch at - 40°C – Fail at -50°C
QUV:	ASTM D 4587: 13,200 hours – Pass
Adhesion:	ASTM D 3359: Pass
Specific Gravity:	1.09
Bulk density:	9.09 Lbs. Per gallon - Mixed
Flash point:	Resin: >145°C; Activator: >145°C
Type:	Two-component Silane Siloxane nano coating.
Cure:	Chemical reaction.
Solids:	95 % as supplied.
VOC Content:	21.80 - 56 grams/liter as supplied.
Coverage:	5.4 square meters per liter including 30% loss

SUBSTRATE PREPARATION

Substrate temperature:	Must be above 5°C and at a minimum must be 3°C above the Dew Point.
New /existing Surfaces:	<ul style="list-style-type: none"> For best performance, the surface must be clean, dry and free of oils, grease and / or wax. Appropriate preparation / grit blasting to SA1 is preferred/sanding with 180 – 220 grit is acceptable. Apply one coat 5 mils (125 microns) wet film thickness Tack free: 3 -3.5 hours cure time @ 25°C Handling 24 Hours.

APPLICATION

Mixing ratio by volume:	<ul style="list-style-type: none"> Full kit mix is 1 can part A (Activator) : 1 can part B (Base Resin). Partial kit mix is 1 part by volume A (Activator) : 3 parts B (Base Resin)
Induction time:	8 minutes
Pot life:	90 minutes @ 25°C
Application equipment & thinner:	<ul style="list-style-type: none"> To be applied with airless sprayer. Use .208 -.308 fine finish tip only. No thinning is needed with airless. May be applied with HVLP sprayer with pressure pot. Use a 1.4 – 1.6 mm tip. For the Airless tip size specify Graco RAC X FFLP (Fine Finish Low pressure) only.
Repaired or resurfacing:	<ul style="list-style-type: none"> Apply as per above. For aged coated surfaces with minor damage, clean and sand lightly.
Clean up solvents:	MEK, Watty L780.

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DRYING & CURING CHARACTERISTICS

Tack free:	3 - 3.5 hours cure time at 25°C
Handling:	24 hours
Thorough cure:	24 hours

AVAILABLE PACKAGING

- 1 Gallon kit (3.785 liters)
- 4 Gallon kit (15.14 liters)

** Request specifications or technical assistance from Seacoat SCT, LLC or your authorized representative.

STORAGE

Shelf life: 24 months subject to re-inspection.

SAFETY PRECAUTIONS

This product is sold for and intended for use by professional applicators or adults. It must be kept out of the hands of children. Proper attire, such as adequate air masks and goggles must be worn during application. Refer to the MSDS for proper industrial hygiene procedures consistent with OSHA & GHS regulations.

DISCLAIMER

RECOMMENDATIONS AND SUGGESTIONS APPEARING HEREIN CONCERNING OUR PRODUCT(S) ARE BASED UPON TESTS AND DATA BELIEVED TO BE RELIABLE, HOWEVER, IT IS THE USER'S SOLE RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY AND SUITABILITY FOR HIS OWN USE OF THE PRODUCTS DESCRIBED HEREIN. SINCE THE ACTUAL USE OF THESE PRODUCTS IS BY OTHERS AND BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE BY SEACOAT SCT, LLC AS TO THE EFFECTS OF SUCH USE, INCLUDING THE RESULTS TO BE OBTAINED OR THE SAFETY AND TOXICITY OF THE PRODUCTS NOR DOES SEACOAT SCT, LLC ASSUME ANY LIABILITY ARISING OUT OF THE USE BY OTHERS OF THE PRODUCTS REFERRED TO HEREIN. NOR IS THE INFORMATION HEREIN TO BE CONSTRUED AS ABSOLUTELY COMPLETE SINCE ADDITIONAL INFORMATION MAY BE NECESSARY OR DESIRABLE WHEN PARTICULAR OR EXCEPTIONAL.

Efficient US Technology



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