

September, 2017

SEA-SPEED V 10 X - CLEAR

The ONLY CLEAR Hard film Silane - siloxane Hull Coating

SEA-SPEED® V 10 X Clear underwater hull coating is another innovation in marine hull performance and protection, **SEA-SPEED® V 10 X Clear** is the culmination of years in development and testing for superior durability and function to protect and maintain fouling free hulls and improve performance 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 primarily for pleasure vessels including Motor yachts, sailing yachts, high speed craft and sport boats including personal watercraft.

SEA-SPEED® V 10 X Clear is another first for Seacoat technology. 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 surface. **SEA-SPEED V 10 X CLEAR should be applied by airless Spray only!** This technology eliminates the need for toxic materials such as it also has our proprietary VMT thereby making the surface less attractive for biofilm and organisms.

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 < 10 microns Average surface roughness
- Underwater scrub capable without damage to the coating or environmental impact

Application Benefits:

- One coat application over Gel - Coat
- Airless spray, HVLP or gravity fed conventional spray application
- Easy to spray with high sag resistance and excellent edge retention

Product Applications:

- **Sailing yachts**
- **Motor yachts**
- **Fast craft,**
- **Sport & fishing boats**
- **Personal watercraft**

CHARACTERISTICS:

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



PRODUCT & PERFORMANCE DATA @ 77° F (25° C)

Type: Two-component Silane Siloxane nano coating

Cure: Chemical reaction

Solids: 95 % as supplied.

VOC Content: 21.80 - 56 grams/liter as supplied

Specific Gravity: 1.09

Bulk density: 9.09 Lbs. Per gallon - Mixed

Flash point: Resin: >294° F (> 145° C)

Activator: >294° F (> 145° C)

Shelf life: 24 months subject to re-inspection

Ratio: By Volume: 1 part A (Activator)

3 parts B (Base Resin)

Clean up solvents: MEK, N butyl acetate or anhydrous isopropanol

Pot life: 90 minutes @ 77° F (25° C)

Drying & Curing Characteristics

Tack free: 3 hours

Handling: 6 hours

Thorough cure 24 hour

Gloss: High

Color: Clear

Abrasion Resistance: ASTM D 4060: < 58 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: 10,000 hours – Pass

Adhesion: ASTM D 3359: Pass

Application equipment & thinner:

To be applied with airless sprayer only. Use .208 -.308 fine finish tip only. No thinning is needed with airless.

Consult tech service.

Available Packaging

1 Gallon kit (3.785 liters)

** Request specifications from Seacoat Technology, LLC or your authorized representative.

Substrate temperature: must be above 40° F (5° C) and at a minimum must be 5° F (3° C) above the Dew Point.

Substrate preparation:

New /existing Surfaces:

- 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 80 grit is acceptable.
- Apply one coat 4-5 mils (100 – 150 microns) wet
- Allow 2.5- 3.5 hours cure time @77° F (25° C).
- Handling 12 Hours

Practical Coverage: 178 – 266 square feet per gallon (4.37 -6.54 square meters/liter) including 30% loss factor for spray.

Repaired or resurfacing:

- Apply as per above
- For aged coated surfaces with minor damage: clean and sand lightly.

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. Refer to the SDS for proper industrial hygiene procedures consistent with OSHA & GHS regulations. Always use protective goggles, gloves, clothing and or respiratory equipment.

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 TECHNOLOGY, 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 TECHNOLOGY, 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.

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