

## Technical Data Sheet

### *SEA-SPEED V 10 X ULTRA - CLEAR*

#### 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 extremely hard thin film coating that utilizes Novel silane-Siloxane chemistry and 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 an easy release easy clean surface. **SEA-SPEED® V 10 X ULTRA - CLEAR may be applied by 1)airless Spray 2) HVLP, 3) Specialty roller.** 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. Also 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 metals or Chemical biocides.

This technical data sheet 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](http://www.seacoat.com)

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- No TBT or Cuprous oxides.
- Excellent physical / curing properties.
- Re – Float in 24 hours Minimum.

#### PRODUCT & PERFORMANCE DATA @ 25° C

<b>Gloss:</b>	High
<b>Color:</b>	Clear
<b>Abrasion Resistance:</b>	ASTM D 4060: < 31 mg loss
<b>Salt Fog:</b>	ASTM B117-11: 6,000 hours – Pass
<b>Mandrel bend:</b>	ASTM D522: 2.5 inch at - 40°C – Fail at -50°C
<b>QUV:</b>	ASTM D 4587: 13,200 hours – Pass
<b>Adhesion:</b>	ASTM D 3359: Pass
<b>Specific Gravity:</b>	1.09
<b>Bulk density:</b>	9.09 Lbs. Per gallon - Mixed
<b>Flash point:</b>	Resin: >145°C; Activator: >145°C
<b>Type:</b>	Two-component Silane Siloxane nano coating.
<b>Cure:</b>	Chemical reaction.
<b>Solids:</b>	95 % as supplied.
<b>VOC Content:</b>	21.80 - 56 grams/liter as supplied.
<b>Coverage:</b>	305 square feet per gallon (7.48 square meters per liter) not including loss factor for spray. Practical spray coverage is 213 sq ft/gallon (5.25 sq meters/liter)

#### SUBSTRATE PREPARATION

<b>Substrate temperature:</b>	Must be above 5°C and at a minimum must be 3°C above the Dew Point.
<b>New /existing Surfaces:</b>	<ul style="list-style-type: none"> <li>For best performance, the surface must be clean, dry and free of oils, grease and / or wax.</li> <li>May be applied direct to gel coat /fiberglass as well as epoxy barrier coat.</li> <li>Appropriate preparation / grit blasting to SA 2.5 for steel/aluminum. Sanding with 180 – 220 grit is acceptable for gel coat or fiberglass.</li> <li>Apply one coat 5 mils (125 microns) wet film thickness</li> <li>Tack free: 3.5 hours cure time @ 25°C.</li> <li>Handling 24 Hours.</li> </ul>

#### APPLICATION

<b>Mixing ratio by volume:</b>	1 part A (Activator) : 4 parts B (Base Resin).
<b>Induction time:</b>	8 minutes
<b>Pot life:</b>	90 minutes @ 25°C
<b>Application equipment &amp; thinner:</b>	<p>To be applied with airless sprayer. Use .208 -.308 fine finish tip only. No thinning is needed with airless.</p> <p>May be applied with HVLP sprayer with pressure pot. Use a 1.4 – 2.0 mm tip. By airless ( 30:1 min) Must use Graco FFLP Tip (Size .308)</p> <p>May be applied by roller for smaller craft. Use only ANZA elite roller. Roll horizontally only from bow to stern.</p>

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<b>Repaired or resurfacing:</b>	<ul style="list-style-type: none"> <li>• Apply as per above.</li> <li>• For aged coated surfaces with minor damage, clean and sand lightly.</li> </ul>
<b>Clean up solvents:</b>	MEK, WattyL L780, Sherwin Williams R7K15 or C50.

### DRYING & CURING CHARACTERISTICS

<b>Tack free:</b>	3 – 3.5 hours
<b>Handling:</b>	6 hours
<b>Thorough cure:</b>	24 hours Minimum refloat time is 24 hours

### AVAILABLE PACKAGING

- 1 Gallon kit (3.785 liters)
- 5 Gallon kit (18.925 liters)

\*\* Request specifications or technical assistance from SEA-SPEED – PC, LLC and or 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 OR SEA-SPEED-PC, 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



*~~ We have your bottom covered ~~*

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