



SEA-Speed® GC V4

Release December 1, 2007

The ONLY Hard film Flourinated Siloxane foul release coating

SEA-Speed® G.C. V4 is a high technology blend of polysiloxanes and high solids epoxy resins. The latest in non-stick foul release underwater hull coating technology; **SEA-Speed® G.C. V4** is a reformulated version of our V3 and provides improved performance against marine growth especially on slower vessels. and increased fuel economy. **SEA-Speed® G.C. V4** is a non-toxic, environmentally safe coating that does not contain cuprous oxide or TBT (tributyltin) nor does it polish or ablate, therefore providing a long life coating system against fouling. The **SEA-Speed® G.C. V4** technology enables the coupling of polysiloxane and epoxy into a fused, flexible yet tough protective film. Through the incorporation of the silicone (polysiloxane), the film provides a very low coefficient of friction that minimizes marine growth and facilitates easy underwater hull maintenance. **SEA-Speed® G.C. V4** differs from other silicone paints in that it cures into a very hard, durable and highly abrasion resistant elastomeric film. This system is designed specifically for gel coat or fiberglass surfaces and has an ultra high solids content with very low V.O.C. (less than 1lb. Per gallon). Refer to specifications for additional details. Please note that vessels coated with **SEA-Speed® G.C. V4** that sit idle for extended period will foul as will conventional toxic cuprous oxide bottom paints. Hulls with **SEA-Speed® G.C. V4** should be maintained by regular cleaning as are conventional paints. Cleaning the **SEA-Speed® G.C. V4** will not harm the coating or release any toxins into the water. **This product can be applied professionally or on a DO IT YOURSELF basis. Please refer to the DO IT YOURSELF GUIDE in the application specifications section.**

Product Benefits:

- Non-toxic, environmentally safe (no poison)
- Ultra low V.O.C. emissions (volatile organic compounds)
- Extremely hard film to resist against damage and wear
- Low co-efficient of friction, minimizing adherence of marine growth
- Extremely smooth surface to maximize speeds and fuel efficiency
- Available in a wide range of colors
- Competitively priced against soft film foul release coating and copper based coating systems based on total lifecycle costs

Application Benefits:

- Reduced number of coats to be applied cuts dry-docking time and costs
- 30% less weight than conventional anti-fouling coating systems
- No dedicate silicone spray pumps. No silicone contamination to airless pumps
- Easy to spray or roll on with high sag resistance and excellent edge retention

Product Applications:

- Below waterline on gel coat, fiberglass or wood hull pleasure craft
- Steel or aluminum hulls refer to **SEA-Speed® DTM V4**

CHARACTERISTICS:

- 90 % solids
- Low VOC (.63 lbs/gal or 76 gr/liter)
- A one coat system
- No TBT or Cuprous oxides
- Excellent physical / curing properties
- Re – Float in 24 hours
- Available for steel or aluminum hulls. **SEA-Speed® DTM V4**



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

Type: Two component Polysiloxane Epoxy

Cure: Chemical reaction

Solids: Approx. 90 % by Volume

VOC Content: (.63 lbs/gal or 76 gr/liter)

Mass density: 10.04 Lbs. Per gallon (1.20 g/cm³)

Flash point: Resin: >200° F (> 93° C)
Hardener: Same

Shelf life: 12 months subject to re-inspection

Ratio: 1 part resin: 1 part hardener by volume

Gloss: High

Thinner: None. Reduce viscosity by maintaining storage temperature above 73° F (23° C). Viscosity may be reduced by mixing parts A and B separately with a rotary mixer.

Clean up solvent: Ameron T 10 Thinner

Technical Data

Ratio: 1:1 by Volume

Potlife: 75 minutes @ 77° F (25° C)

Tack free: 4 hours

Handling: 12 hours

Re-coat: 4 hours minimum/ 24 hours maximum @ 77° F/ 25° C

Re-Float: 24 hours*

Full cure: 72 hours

* For each 10° F under 77° F (6.25° C under 25° C) add 6 hrs to re-float time.

Available Packaging

- A. Two Gal kit (1 gal. Resin/1 gal. Hardener)
- B. Five Gal. Kit (2.5 gal. resin/2.5 gal. Hardener)

Coverage

Theoretical: 1331 sq.ft/gal (32.69 sq. meters/liter) @ 1 mil (25microns) DFT

Gel Coat / Fiberglass application:

Apply 8 mils DFT (9 - 10 mils wet) in one coat. Coverage is 125 sq. ft./gal (3.10 sq. meters/liter)

**Running Gear:

Apply 1 coat Bio-Guard 251 primer at 7 mils WFT (175 microns)
Apply 10 – 11mils dry of **SEA-Speed@G.C. V4**
121 – 131 sq. ft./gal. (2.97 – 3.26 sq. meters/liter).

** Request **SEA-Speed@G.C. V4** application specifications from SeaCoat TECHNOLOGY, LLC our website or your authorized representative.

Substrate and weather Conditions :

Remove previous coatings and the surface should be dry and free of contaminants. Refer to new construction or maintenance specifications for details. Substrate temperature must be above 50° F (10° C) and at a minimum must be 5° F (3° C) above the Dew Point.

Safety Precautions:

This product is sold for and intended for use by professional applicators. and must be kept out of the hands of children. This product contains some hazardous ingredients and should be used with caution. Refer to MSDS for proper industrial hygiene procedures consistent with OSHA regulations. Always use protective goggles, gloves clothing and or respiratory equipment.

Disclaimer

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