35 Industrial Parkway Branchburg, NJ 08876-3424 USA
Tel: (908) 526-2828 Fax: (908) 526-3633
www.hydromer.com

Technical Data Sheet

Sea-Slide® Drag-Reducing Overcoat

***Sea-Slide is a registered Trademark of Hydromer, Inc.**

General Description

A polymer formulated to be slippery when wet. Tests demonstrate that Sea-Slide reduces hydrodynamic drag, resulting in increased speed and greater fuel economy on ships and other water craft. Functions in both fresh and salt water environments.
Sea-Slide forms an insoluble coating that binds a layer of water around the hull. As a result, the turbulence between the hull and the surrounding water is reduced, and the vessel slides through the water with less resistance.

Typical Physical Properties

Property	Temp	Unit	Approved Spec. Range
Appearance (Visual)	RT	NA	Hazy liquid
Color (Visual)	RT	NA	Off white
Non- volatiles (NVA 1.0)	N/A	%	7.8 – 8.4
Viscosity (BKV 1.0) (#3 Spindle @ 30 rpm)	25°C	cps	200-600
Specific Gravity (SPG 1.0)	25°C	g/ml	Report data

Preparation

On painted hull surfaces Sea-Slide can be used on wood, metal and fiberglass hulls that have been properly prepared and coated with a vinyl or a hard epoxy (Vinyl provides better adhesion). Coating adhesion and durability is substantially reduced if Sea-Slide is applied over soft or " self polishing" anti-fouling paints. Recent anti-fouling paint applications must be completely dried in accordance with manufacturer's instructions, preferably overnight. Compared to vinyl based paints, epoxies usually require a longer time to cure completely.

35 Industrial Parkway Branchburg, NJ 08876-3424 USA
Tel: (908) 526-2828 Fax: (908) 526-3633
www.hydromer.com

On Bare Hull Surfaces Bare fiberglass hulls should be pre-treated with a marine primer to improve adhesion. Allow primer coat to dry according to label instructions. Where no primer is available, thorough sanding before applying Sea Slide will improve adhesion.

Directions for Use:

Do not apply if rain is expected during the curing period or if relative humidity exceed 90%. For best results use on dry, sunny day – R.H. 80 % or below, temperature 50°F (10°C) or warmer.

Sea- Slide may be applied with brush, roller, or spray equipment. For spraying, Sea Slide may be diluted up to 50% (2 parts Sea-slide to 1 part tap water). Coating should be spread evenly. Allow to dry and cure for 4 to 5 hours.

Curing takes place after the coating dries to the touch.

After curing, boat may be launched immediately or kept from water indefinitely. The coating will not be adversely affected by repeating wetting/drying cycles. Once cured, the coating will be insoluble in water, but should not be scrubbed or sanded. Water line growth may be sponged off. Avoid spills on deck surfaces or other areas where a slippery surface would be hazardous.

The cured coating is extremely slippery when wetted.

Where no primer is available, thorough sanding before applying Sea-Slide will improve adhesion.

COVERAGE : Approximately 700 to 900 square feet per gallon.

REFINISHING HULL SURFACE : Prior to refinishing hull or reapplication of anti-fouling paint, remove Sea-Slide coating with high pressure water hose or scrub brush.

Clean up : Clean painting equipment, clothing and spills with soap and water before dry.