

MPCI Product Data Sheet
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PhaseCoat® Bare Bottom™ NFC

Non-Toxic Hull Coating for Ships and Boats

Pesticide Free Non-Fouling Coating for Aggressive Marine Environments

PRODUCT DESCRIPTION

Bare Bottom™ NFC is a pesticide free non-fouling coating that is suitable for use on pleasure craft, ships, and marine structures. The coating is a unique combination of hydrophilic/hydrophobic modified siloxanes grafted into an epoxy resin. The modified siloxane aids in the formation of a bio-film on the surface of the coating that inhibits the settlement of marine larval organisms. Unlike many marine bottom coatings, Bare Bottom™ NFC can be hauled and re-launched without a loss in performance of the coating. Bare Bottom™ NFC is applicable on virtually any surface where fouling protection is desired, and because it doesn't corrode aluminum, it is a perfect out-drive coating where traditional antifouling coatings are unsuitable (primer coat required for aluminum). Bare Bottom™ NFC is durable and withstands the rigor of hard, fast use. It will not peel off from ice, floating debris, or docking operations. The coating is VOC compliant and is safe and easy to apply by roll and/or brush. The coating develops a smoother finish when dry, than traditional copper antifouling coatings. This translates into more speed and better fuel economy.

FEATURES

- Non-toxic, pesticide free
- Stocked in black and red
- Custom colors available
- Reduces application and maintenance costs

USES

Excellent performance when used for:

- Entire hulls
- Out-drives
- Rudders
- Trim Tabs
- Can be used on aluminum hulls in combination with a primer

TECHNICAL DATA

Characteristics	Bare Bottom™ NFC
Generic Type	Organosilane Modified Epoxy
Percent (%) Solids by volume	64% solids
VOC	2.82 lbs/gallon (339 grams/liter)
Maximum wet film thickness	10 - 20 mils
Minimum wet film thickness	8-10 mils
Theoretical coverage	110 sq. ft. per gallon
Density	7.8 lbs/gallon
Pot life: @ 50°F	6 hrs
@ 75°F	3 hrs
@ 90°F	1 hr
Shelf life	At least 6 months if unopened

Curing Schedule

Surface Temp.	Dry to Touch	Final Cure
75°F	1 hr	24 hrs
40°F	2 hrs	24 hrs
90°F	30 min	18 hrs

Application Conditions

Condition	Material	Surface	Ambient	Humidity
Minimum	50°F	40°F	50°F	20%
Maximum	100°F	90°F	110°F	95%