

Matcote

"MATCOTE ANTI-FOUL 5-947 AND 5-400W"

GENERAL INFORMATION

"Matcote Anti-Foul 5-947 and 5-400W" are new bottom coatings designed for control of marine organisms. These coatings are based on bioMeT tri-n-butyltin fluoride and bioMeT bis (tri-n-butyltin) oxide. They can be applied to wooden, steel and aluminum, and fiberglass hulls and are suitable for fast moving craft. They offer outstanding service for up to twelve months constant exposure.

ADVANTAGES

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 U.S. Environmental Protection Agency
 Registration Division
 EPA Reg. No. 34967-1

- DOES NOT REQUIRE IMMEDIATE IMMERSION FOR ANTI-FOULING RESULTS. SEVERAL MONTHS MAY TRANSPIRE BEFORE IMMERSION, AND ANTI-FOULING PROTECTION WILL STILL BE AFFORDED.
- MATCOTE ANTI-FOUL UTILIZES TWO ORGANIC TOXIC INGREDIENTS COMBINED FOR A TIME-RELEASE ACTION.

- EASY TO APPLY.
- USE ON WOOD, METAL AND FIBERGLASS.
- QUICK DRYING.
- OIL RESISTANT ANTI-FOUL

PRODUCT SPECIFICATION

	Matcote Anti-Foul 5-947	Matcote Anti-Foul 5-400W
Product No.:	Modified Vinyl	Modified Vinyl
Type:	Iron Oxide	White
Color:	Flat	Flat
Gloss:	85-90 K.U.	85-90 K.U.
Packaged Viscosity @ 77° F:	10.1 ± .2 Lbs.	10.1 ± .2 Lbs.
Weight Per Gallon:	50% Avg	50% Avg
Solids By Weight:	39% Avg	39% Avg
Solids By Volume:	6 Months	6 Months
Shelf Life:	Spray Brush / Airless	Spray Brush Airless
Application: Conventional	Methyl Isoamyl Ketone	Methyl Isoamyl Ketone
Thinning Reduction with Matcote 4-1317 Thinner:	15% to 25%	15% to 25%
Spray	10% to 20%	10% to 20%
Brush	0% to 15%	0% to 15%
Airless		
Drying Time 77° F. @ 55% Relative Humidity:		
To Touch	10 to 20 Min.	10 to 20 Min.
To Recoat	5 to 7 Hours	5 to 7 Hours
Dry Hard	10 to 12 Hours	10 to 12 Hours
Coverage:		
Theoretical @ 1 Mil	624 Sq Ft / Gal	624 Sq Ft / Gal
Practical @ 1 Mil (Assumes 25% Loss)	468 Sq Ft / Gal	468 Sq Ft / Gal
Recommended Film Thickness / Coat: Apply 2 coats minimum		
Wet	4.0 to 5.0 Mils	4.0 to 5.0 Mils
Dry	1.5 to 2.0 Mils	1.5 to 2.0 Mils
Clean - Up: Matcote Thinner (Methyl Isoamyl Ketone)	4-1317	4-1317
E.P.A. Reg. No.:	34967-2	34967-1
Active Ingredients:		
Tri-n-butyltin fluoride	1.0%	1.0%
Bis (tri-n-butyltin) oxide	1.0%	1.0%
Inert pigments	98.0%	98.0%
Total		

PREPARATION, APPLICATION AND EQUIPMENT

SURFACE PREPARATION

Wooden Hulls: On bare wood apply two full coats directly to the wooden surface. On old work apply over clean, dry, firm surfaces provided the previous paint was a vinyl or epoxy type. All other types of paints should be removed to the bare wood.

Metal Hulls: Aluminum should be treated with one coat of Matcote 5-926 Vinyl Primer (MIL-P-15328) and then followed with two coats of "Matcote Anti-Foul." For steel hulls the surface to be painted must be free of grease, dirt, rust, scale and any other foreign matter. The recommended surface preparation is to have a SSPC-SP5-63 White Metal blast primed with Matcote 1-830 Iron Oxide Zinc Chromate Epoxy Primer and then followed with two coats of "Matcote Anti-Foul." For recoating of metal hulls follow instructions for recoating wood.

Fiberglass Hulls. Sand new hulls and clean off grit with Matcote 4-040 solvent. Prime with one coat of Matcote 1-830 Epoxy Primer before applying two coats of Matcote Anti-Foul. For painting over old work, follow instructions for recoating wood.

MIXING

Stir base material, preferably by power agitation making sure pigments are well dispersed into the body of the vehicle.

THINNING AND REDUCTION

Matcote's Anti-Fouls should be thinned according to the directions as the coatings are supplied at high solids.

EQUIPMENT REQUIRED

1. A suitable container for mixing or stirring "Matcote Anti-Fouls"
2. Standard industrial spray equipment as follows:
 - a. Material pressure pot with dual regulation (Agitator pot always desirable)

- b. DeVilbiss MBC spray gun or equivalent, with AV-15 D fluid tip and MBC-444-D needle and #78 #704 or #64 air cap 25 to 50 foot length of 1/4" ID air hose
- c. An air source capable of supplying a continuous volume of air at a minimum of 75 pounds pressure to the nozzle of each spray gun at all times. Air supply line should be fitted with a "Transformer" to remove residual water and oil.
- d. As an alternate, application can be completed with airless spray equipment with a pump ratio of 28 to 1 or 30 to 1. Use an airless spray tip with equivalent orifice diameter of .015" or greater.

CLEAN - UP

Clean all spray equipment after each operation while paint material is still wet or un-cured with Matcote 4-1317 thinner. Fluid bases should be flushed at the end of each coating operation.

SAFETY

DANGER: KEEP OUT OF REACH OF CHILDREN. FLAMMABLE. VAPOR HARMFUL. MAY CAUSE EYE DAMAGE. MAY CAUSE SKIN IRRITATION. MAY BE HARMFUL OR FATAL IF SWALLOWED.

Do not get in eyes, on skin or on clothing. Wear goggles or face shield when handling. Avoid breathing spray mist. Do not use, pour, spill or store near heat or open flame. In case of contact immediately flush eyes with plenty of water for at least 15 minutes and get prompt medical attention. Wash skin with plenty of soap and water. Wash contaminated clothing before re-use. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not re-use empty container. Destroy it by perforating or crushing. Bury or discard in safe place. FOR PROFESSIONAL USE ONLY. NOT FOR RETAIL SALE.



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