



WOOLSEY

HEAVY DUTY

METALAST™

**VINYL
ANTI-FOULING
905 RED**

ACTIVE INGREDIENT: Copper Oxide 42.5% INERT INGREDIENTS: 57.5%
CAUTION - Keep out of the reach of children. See cautions on back label.

U.S.P.A.
Reg. No. 2873-0



WOOLSEY®

**METALAST™
VINYL ANTI-FOULING**

For detailed information on the use and application of this product

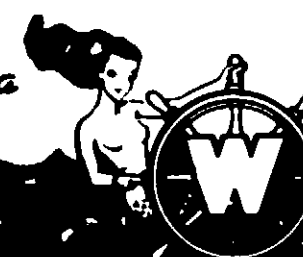
SEE MARINE PRODUCT BULLETIN

Apply only over recommended anticorrosives. Use Metalast
#1001 thinner for cleaning application equipment.

STIR WELL BEFORE USING

WARNING! FLAMMABLE—Keep away from
heat, sparks and open flame. Avoid prolonged
contact with skin and breathing of vapor or
spray mist. Harmful if swallowed. Close container
after each use and keep it out of the reach of
children. **USE WITH ADEQUATE VENTILATION**

Serving at Sea



Since 1853

MADE IN U.S.A. WOOLSEY MARINE INDUSTRIES, Inc. NEW YORK, N. Y.



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U.S.D.A.
Reg. No. 3073-9



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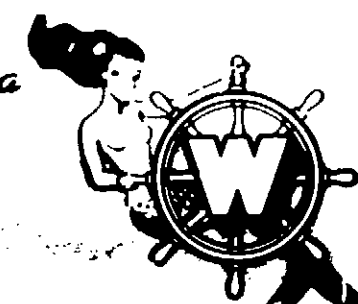
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WOOLSEY MARINE PRODUCT BULLETIN Nº 4

METALAST[®] VINYL ANTIFOULING No. 905 RFD

MATERIAL INFORMATION

Vehicle Solids	Vinyl and Rosin
Toxicant and Pigments	Cuprous Oxide, Iron Oxide, Silica Copper expressed as Metallic is 42
Solvents	Mixed Ketones and Aromatic Hydrocarbons
Available Colors	Red
% Solids by Volume	48%
Dry Film Thickness per coat (Mils)	2 by spray; 1.5 by brush, 1.5 by roller
Theoretical Coverage at above film thickness (sq.ft.gal)	385 by spray; 510 by brush; 510 by roller
Flash Point (Tag Open Cup)	75°F
Recommended Thinner	Spray or roll as is use No. 1001 thinner for brushing.

APPLICATION

Surface Preparation	Apply over Metalast anticorrosive systems for steel, galvanized or aluminum. Old, hard cured epoxys or coal tar epoxys must be sandswept. Old metalast antifouling is recoated after removing all surface contaminants especially oil and grease.
Application Temp. Range	5° - 100°F
Drying Time at 70°F and 50% R.H.	(a) to recoat 1 hour (b) ready for use 2 hours
Recommended Primers	Metalast Vinyl Anticorrosive, epoxys, coal tar epoxys, polyesters, and chlorinated rubber. Self priming on wood.
Uses	Any underwater surface that needs long range protection from marine fouling.
Equipment	Conventional Spray - Binks No. 19 Gun, 66 Fluid Tip, 63 PB Air Cap - DeVilbiss JCA 502 Gun, F Fluid Tip, 78 Air Cap. Airless Spray - Graco 281 Pump, 819 Tip

7/15/76

GENERAL

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This vinyl antifouling contains a very high concentration of cuprous oxide to provide long life protection from marine fouling. It is the final coat in the widely used Metalast Shipbottom System for steel vessels. It is also used directly on wooden and fiberglass boats. Thorough mixing is essential due to the high concentration of toxic pigments. 905 antifouling has been used successfully on many aluminum vessels, but the anticorrosive system must be maintained. If this is not possible, use Woolsey Organo Tin White or Red Antifouling.

APPLICATION(a) Over Vinyls

Metalast antifouling must never be applied to bare metal. For new construction, the blasted surface is coated with Metalast Washcoat Primer and the five coats Metalast Anticorrosive - Guardcoat system (see Marine Product Bulletins Nos. 2 and 3). Allow at least one hour drying time after last coat and then apply two coats of No. 905 Antifouling using a pressure feed spray gun or airless spray. Thinning is not normally required. Use No. 1001 for cleaning equipment. Allow at least 2 hours drying time before undocking. There is no limit as to how long this antifouling may be exposed to air before immersion.

(b) Over other underwater anticorrosive coatings

Metalast Antifouling can be applied over coal-tar epoxys and catalyzed epoxys provided they are not fully cured. Under normal conditions (70°F), a range of 12 to 24 hours curing time after applying either of these two materials will allow good adhesion for the No. 905 antifouling. Metalast antifouling is applied to chlorinated rubber anticorrosives when there are dry for recoating. Polyester undercoats should be cured and free of wax or other contaminants.

ACTUAL COVERAGE

Actual coverage is 300 ft/gal at 2.0 mils dry film thickness under normal spraying conditions.

FUTURE MAINTENANCE(a) Complete Vinyl System

See maintenance instructions in Marine Product Bulletin No. 2 for touch-up and full anticorrosive recoating procedures. Metalast AF is then applied using one coat if the next drydocking is to be in 12-14 months or 2 coats for 2-3 year drydocking intervals. 905 antifouling gives a smooth, tough finish that does not crack or check and hence provides a smooth bottom for minimum frictional resistance. Its toughness makes it ideal for resistance to underwater cleaning equipment.

(b) Over other anticorrosive coatings

Such as coal tar epoxys or catalyzed epoxys. If the Metalast AF is intact, simply apply a new coat after fresh water hosing. When coal tar epoxy or catalyzed epoxy has become exposed, it is necessary to sandsweep or brush blast with a fine sand through 50 mesh screen in order to obtain proper adhesion to these hard cured undercoats. Damaged areas of chlorinated rubber anticorrosive or polyester system are to be recoated to proper thickness and then the No. 905 antifouling is applied as for a new job.

Complete Vinyl System cont. . .SAFETY PRECAUTIONS AND TOXICITYWARNING! FLAMMABLE!

Metalast Antifouling is flammable hence eliminate all sources of flames and sparks during its application.

This antifouling contains xylol, ketones, and copper compounds. Do not take internally. If swallowed, do not induce vomiting. Call physician. Avoid prolonged contact with skin and breathing of vapor or spray mist. When applying in a closed area, use air supplied hood respirators. Wash thoroughly before eating or smoking. Close container when not in use. Use adequate ventilation. Keep out of the reach of children.

7/15/76
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Serving at Sea since 1853

WOOLSEY MARINE INDUSTRIES, INC.

201 East 42nd Street, New York, N.Y. Telephone (212) 867-7107 Cable Woolpaint, New York

COMMERCIAL MARINE COATINGS

MEMBER PAN MARINE WORLD PAINTS

