



**Hard Vinyl Type Antifouling Paint
P-33 Blue**

KEEP OUT OF REACH OF CHILDREN.

WARNING! FLAMMABLE. CAUSES EYE IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN. MAY BE FATAL IF SWALLOWED OR INHALED.

See additional precautions on back panel.

NET 1 GALLON / 3.8 Liters

*with comments
RFM
61-153*

ACTIVE IN
Cuprous
INERT INC
EPA REG.

VINYL COP ANTIFOULING PAINT: An effective hard and smooth vinyl-type antifouling bottom paint. Resists attachment of barnacles, algae and other marine growths. Protects wood boats against borers. For use in both salt and fresh water. Do not apply to any surfaces other than boat bottoms.

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

GENERAL: Be sure surface is clean and dry before painting. When sanding is necessary on surfaces, remove sanding dust by clean air blast, clean soft brushes, or wiping with clean rags, then follow by tack-rag wipe to insure complete removal of sanding dust.

NOTE: Face mask should be used when sanding. Stir paint well before and during use. Apply generously with brush or roller at package consistency. If thinning is necessary due to evaporation of solvent from the can, use Z-Spar T-20 Slow Vinyl Thinner. Do not spray as inhalation of spray/dust is hazardous. Do not apply at temperatures below 40°F or if rain is expected before the coating is dry.

COVERAGE PER COAT: Approximately 300 sq. ft. per gallon (allows for a 20% loss).

NUMBER OF COATS: 2 or 3 depending on the surface.

DRYING TIME AT 70°F AND 50% RELATIVE HUMIDITY:

Between coats 3 hours minimum
Prior to submerging 3 hours minimum 7 days maximum

THINNER: Z-Spar T-20 Slow Vinyl Thinner.

CLEANER: Z-Spar T-20 Slow Vinyl Thinner.

OLD BOTTOM PAINTS: After hauling boat, allow the hull to dry of absorbed water before repainting. If the old bottom paint is a vinyl type paint and is in good condition, apply two coats of Vinyl Cop Paint after scrubbing, cleaning, and removing any loose paint. If the old paint is not a vinyl, it must be removed before using Vinyl Cop Paint. One way to tell if the old paint is or is not a vinyl type is to apply some Vinyl Cop Paint to a small area and see if the old paint lifts and "crinkles-up" -- if so, it is not a vinyl. When sanding old bottom paint, always "wet sand" and take precautions against getting the material in your eyes, nostrils, open cuts, etc. Where excess bottom substrate is visible, prime per instructions for the substrate.

WOOD BOTTOMS: Sand wood surface with 80-100 grit wet or dry sandpaper. Apply three coats of Vinyl Cop Paint. Thin first coat 10% with Z-Spar T-20 Slow Vinyl Thinner to allow greater penetration. The next two coats

should be applied at package consistency. Any metal parts must be properly primed before applying the bottom paint.

FIBERGLASS BOTTOMS: Wash with soap, ammonia, and water. Let dry, then thoroughly clean hull with Z-Spar T-1132 Fiberglass Prep Solution. Then sand with 100-220 grit sandpaper to dull and roughen the surface. Wipe off sanding dust with clean cloth or tack rag. Apply one coat of Z-Spar P-527 Epoxy Primer. While the P-527 is still soft and tacky (within 2-6 hours, normally), apply the first coat of Vinyl Cop Paint (the "wet-on-wet" technique). If the P-527 Primer cures longer than overnight, apply another coat of P-527 and use the "wet-on-wet" technique, or apply one coat of Z-Spar P-619 Non-Sanding Fiberglass Primer as a tie-coat prior to the application of Vinyl Cop Paint.

STEEL BOTTOMS: Sandblast to near-white metal surface and apply three coats of Z-Spar P-646 Epoxy Primer to a minimum 8 dry mils film thickness, following the P-646 label instructions. For best results, apply the first coat of Vinyl Cop Paint "wet-on-wet" to the P-646, that is, while the last P-646 coat is still slightly soft (usually within 2-6 hours). If the P-646 Primer cures longer than overnight, apply another coat of P-646 and use the "wet-on-wet" technique, or apply one coat of Z-Spar P-619 Non-Sanding Fiberglass Primer as a tie-coat prior to the application of Vinyl Cop Paint.

ALUMINUM BOTTOMS: Vinyl Cop Paint is not recommended for aluminum. Z-Spar Colorlox Antifouling Paint, which does not contain copper and will not present an electrolysis problem, is recommended for aluminum hulls.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal of this product. Open dumping is prohibited.

PESTICIDE STORAGE: Keep closures tight and upright to prevent leakage. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

CONTAINS XYLENE AND KETONES.

See Material Safety Data Sheet for this product.

Avoid contact with skin, eyes and clothing. Wear protective clothing such as gloves, long-sleeved cotton shirt, long pants and hat. Do not breathe vapor or spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling. In case of spillage, absorb and dispose of in accordance with local applicable regulations. Do not take internally.

KEEP OUT OF REACH OF CHILDREN.

Use with adequate ventilation during application and drying. In tanks and other confined areas, use only with adequate forced air ventilation to prevent dangerous concentrations of vapors which could cause death from explosion or from breathing. When product is used in confined areas or applied by spraying, wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (U.S. Bureau of Mines) and the National Institute for Occupational Safety and Health under the provisions of 30CFR 11. Prevent flames, sparks, welding and smoking.

ENVIRONMENTAL HAZARDS:

This material is toxic to fish. Do not apply directly to water by cleaning of equipment or disposal of wastes. Do not allow chips and dust generated during the paint removal to enter water. Dispose of paint debris in an approved landfill.

PHYSICAL OR CHEMICAL HAZARDS:

Flammable. Keep away from heat and open flame.

FIRST AID: In case of skin contact, wash thoroughly with soap and water; for eyes, flush immediately with plenty of water for 15 minutes and call a physician. If affected by breathing of vapor, move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. CALL A PHYSICIAN IMMEDIATELY.

IN CASE OF FIRE: Use dry chemical, foam, water fog or CO₂. Cool closed containers with water.

Photochemically Reactive.

Koppers Company, Inc.

OML 5335R02 8210 10580J

Pittsburgh, Pa. 15219/Irving, Texas 75060
Los Angeles, Ca. 90040/Newark, N.J. 07114
MADE IN U.S.A.

KOPPERS

Z-Spar Marine Coatings

TECHNICAL DATA SHEET

Z - SPAR MARINE PAINTS

PRODUCT: VINYL-COP ANTI-FOULING PAINT

DESCRIPTION: An effective hard, smooth anti-fouling coating containing plasticized vinyl, rosin and cuprous oxide.

USE: FOR MARINE USE ONLY. NOT INTENDED FOR USE IN THE HOME.

An excellent smooth hard bottom finish that provides outstanding protection from barnacles, algae and other marine organisms. An excellent racing bottom for power or sail boats.

DO NOT APPLY TO ANY SURFACES OTHER THAN BOAT BOTTOMS.

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TECHNICAL DATA:

Number of coats: 2 to 3

Coverage per coat: 300 sq. ft. per gallon (allows for an approximate loss of 20%)

Drying time at 70°F.
and 50% relative humidity:

Between coats: 3 hours minimum

Before launching: 3 hours minimum, 7 days maximum

Colors: P-32 Red, P-33 Blue, P-34 Green

Thinners: T-20 Slow Vinyl Thinner

Cleaners: T-20 Slow Vinyl Thinner

Surface Preparation: Be sure surface is clean and dry before painting. When sanding fiberglass or wood or when sandblasting steel, remove dust by clean air blast; clean soft brushes, or wiping with clean rag, then followed with tac-rag wipe to ensure complete removal of dust. After hauling the boat, allow the hull to dry of absorbed water before repainting.

OLD BOTTOM PAINTS: If the old bottom paint is a vinyl type paint and is in good condition, apply two coats

Koppers Company, Inc., Pittsburgh, Pennsylvania 15219

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TECHNICAL DATA
(Continued):

of Vinyl-Cop after scrubbing, cleaning and removing any loose paint. If the old paint is not a vinyl, it must be removed before using Vinyl-Cop. One way to tell if the old paint is or is not a vinyl type is to apply some Vinyl-Cop Anti-Fouling to a small area and see if the old paint lifts and "crinkles up"; if so, it is not a vinyl. When sanding old bottom paint, always WET SAND and take precautions against getting the material in your eyes, nostrils, open cuts, etc. Where excess bottom substrate is visible, prime per instructions for the substrate.

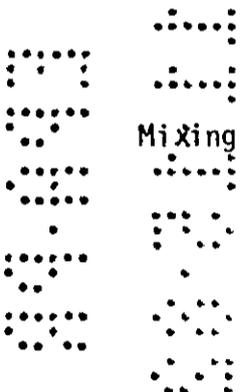
WOOD BOTTOMS: Sand wood surface with 80-100 grit wet or dry sandpaper. Apply three coats of Vinyl-Cop. Thin first coat 10% with T-20 Slow Vinyl Thinner to allow greater penetration. The next two coats should be applied at package consistency. Any metal parts must be properly primed before applying the bottom paint.

FIBERGLASS BOTTOMS: Wash with soap, ammonia and water, let dry, then clean hull thoroughly with Z-Spar T-1132 Fiberglass Prep Solution. Sand with 100-220 grit sandpaper to dull and roughen the surface. Wipe off sanding dust with clean cloths and tac rag. Apply P-527 using "wet-on-wet" system.

STEEL BOTTOMS: Sandblast to a near white metal surface and apply three coats of P-646 Epoxy Primer to a minimum of 8 mils dry film thickness following P-646 label instructions. For best results, apply the first coat of Vinyl-Cop "wet-on-wet" to the P-646, that is while the last P-646 coat is still slightly soft (usually within 2-6 hours). If the P-646 Primer cures longer than overnight, apply another coat of P-646 Primer and use the "wet-on-wet" technique, or apply one coat of P-619 Non-Sanding Fiberglass Primer as a tie coat prior to the application of Vinyl-Cop.

ALUMINUM BOTTOM: Vinyl-Cop is not recommended for aluminum. Colortox Anti-Fouling Paint does not contain copper and is recommended for aluminum hulls.

Mixing instructions: Stir paint well before and occasionally during use to be sure the pigment remains suspended.



TECHNICAL DATA
(Continued):

Methods of application:

Apply generously with brush or roller at package consistency. If thinning is necessary due to evaporation of solvent from the can during use, add T-20 Slow Vinyl Thinner. Do not spray as inhalation of spray dust is hazardous. Do not apply when temperatures are expected to drop below 40°F. or if rain is expected before the coating is dry.

Packaging:

One-gallon cans, quarts.

PRECAUTIONS:

Follow precautions as listed on label for VINYL - COP ANTI-FOULING

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Wayne A. Hartman
Koppers Company, Inc.
Room 1201 Koppers Building
Pittsburgh, PA 15219

NOV 12 1982

Dear Mr. Hartman:

Subject: Antifoulant Label Improvement Program
and Change in Product Name
Vinyl Cop Hard Vinyl Type
Antifouling Paint P-32 Red
EPA Registration No. 61-148
Vinyl Cop Hard Vinyl Type
Antifouling Paint P-33 Blue
EPA Registration No. 61-153
Vinyl Cop Hard Vinyl Type
Antifouling Paint P-34 Green
EPA Registration No. 61-154
Your Submissions of November 2, 1982

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Delete the directions for use in "fresh water." This is inconsistent with the claims for control of marine growths.
 - b. Revise the respirator statement to include the statement "...or while sanding boat surfaces, wear a mask or a respirator...."
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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A stamped copy of the label is enclosed for your records.

The changes in product name, as appears in the subject, are acceptable. We have adjusted our records to reflect these changes.

Sincerely yours,

Richard P. Swartz *RP*
Product Manager (21)
Pesticide-herbicide Branch
Registration Division (74-767)

Enclosure

74-767:RPS:RPS:74-04148:21:74-1291:Clare:Rosen:472-201:11/19/62