



Hard Vinyl Type Antifouling Paint B-45 International O

KEEP OUT OF REACH OF CHILDREN.

DANGER! FLAMMABLE. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND BURNS. HARMFUL IF ABSORBED THROUGH SKIN, SWALLOWED OR INHALED.

See additional precautions on back panel.

NET 1 GALLON / 3.8 Liters

KOPPERS

Z-Spar Marine Coatings

TECHNICAL DATA SHEET

PRODUCT: COLORTOX ANTI-FOULING PAINT

DESCRIPTION: A highly effective hard vinyl type anti-fouling bottom paint, that comes in white, three beautiful clean colors and black. The organotin in Colortox is tributyl tin fluoride which has proven to be more effective than the other available organotins. Its hard, smooth surface allows boats to slip easily through the water. Colortox does not contribute to electrolysis and is therefore ideal for steel and aluminum boats.

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

Protects against attachment of barnacles, hydroids, bryozoa, algae and other marine growths. Protects wood boats against borers. Does not cause galvanic action (electrolysis).

DO NOT APPLY TO ANY SURFACES OTHER THAN BOAT BOTTOMS.

TECHNICAL DATA:

Number of coats: 2 or 3 depending upon surface

Coverage per coat: 400 sq. ft. per gallon (allows for an approximate loss of 20%)

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

To touch: 20 minutes

Between coats: 3 hours minimum

Before launching: 18 hours minimum; 36 hours if applied over old vinyl paint. Launching can be delayed up to 30 days maximum. If low temperatures or high humidities are encountered, longer drying times will be required.

Colors: B-40 White, B-41 Red, B-42 Blue, B-43 Green, B-44 Black.

Thinners: T-20 Slow Vinyl Thinner

Koppers Company, Inc., Pittsburgh, Pennsylvania 15219

TECHNICAL DATA
(Continued):

Cleaners: T-20 Slow Vinyl Thinner

Surface Preparation: Remove all dirt, grease, form oil and other interference materials. Be sure surface is clean and dry before painting. When sanding wood or fiberglass or sandblasting steel, remove dust by clean rag, then follow with tac-rag wipe to ensure complete removal of dust.

OLD BOTTOM PAINTS: After hauling the boat, allow the hull to dry of absorbed water before repainting. If the old bottom paint is a vinyl type paint in good condition, apply two coats of Color-tox after cleaning to remove any loose paint. If not a vinyl, remove before using Colortox. Always spot-test a small area with color-tox to see if the old paint will lift or "crinkle-up"-- if it does, remove the coating. When sanding any bottom paint, always WET SAND and avoid contact with or breathing of the material. When bare surfaces are exposed, priming is required.

WOOD BOTTOMS: Sand the surface with 80-100 grit wet or dry sandpaper. Apply three coats of Colortox Anti-Fouling. Thin first coat 10% with T-20 Slow Vinyl Thinner. The next two coats should be applied without thinning.

FIBERGLASS BOTTOMS: Wash with soap, ammonia and water, let dry then clean hull thoroughly with T-1132 Fiberglass Prep Solution. Sand with 100-200 grit sandpaper to dull and roughen the surface and apply one coat of P-527 and follow with the first coat of colortox in a "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 8 dry mils film thickness following P-646 label instructions. For best results, apply the first coat of Colortox "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 Colortox.

TECHNICAL DATA
(Continued):

ALUMINUM BOTTOMS: Degrease by wiping with T-10 Thinner. Sand to develop adhesion profile with 180 grit sandpaper. Alternatives to sanding are sandblasting and chemical deoxidizers.

Apply a medium wet pass(es) of P-527 Strontium Chromate Epoxy Primer, approximately 15-30 minutes apart, lapping horizontally and vertically. Total film thickness should be 3-4 mils dry.

Topcoat times are critical for P-527 Primer. The last P-527 application can be topcoated directly with Colortox in a "wet-on-wet" technique only during the time it feels dry to touch but soft enough to nail imprint. (Usually 2 - 6 hours under normal conditions). If the above recoat times cannot be followed, either another coat of P-527 can be followed by a "wet-on-wet" technique, or a coat of P-619 Non-Sanding Fiberglass Primer can be applied as a tie-coat before applying Colortox.

If the P-527 film has cured longer than 48 hours, sanding or sandblasting is necessary to establish profile for maximum mechanical adhesion. Then follow with another coat of P-527 Primer, then apply two coats of Colortox using the "wet-on-wet" application method. Appropriate time must be given to allow the coatings to acquire proper cure. (Contact your local Z-Spar representative for detailed specifications). Refer to "Fairing and Undercoating Section" on the Helpful Hints for Painting Aluminum Boats.

TECHNICAL DATA
(Continued):

Mixing instructions: Stir paint well before, during use and occasionally to keep pigment stirred in.

Methods of application: Apply generously with brush or roller at package consistency. If thinning is necessary due to evaporation of solvent from the can use T-20 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: Quarts and gallons.

PRECAUTIONS: Follow precautions as listed on label for COLORTOX ANTI-FOULING PAINT.

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

Dear Mr. Hartman:

Subject: Amendment - Label Revision
Antifouling Paint Label Improvement Program
Colortox Hard Vinyl Type Antifouling
Paint B-43 Green
EPA Registration No. 61-149
Colortox Hard Vinyl Type Antifouling
Paint B-42 Blue
EPA Registration No. 61-150
Colortox Hard Vinyl Type Antifouling
Paint B-41 Red
EPA Registration No. 61-151
Colortox Hard Vinyl Type Antifouling
Paint B-40 White
EPA Registration No. 61-152
Colortox Hard Vinyl Type Antifouling
Paint B-44 Black
EPA Registration No. 61-157
Colortox Hard Vinyl Antifouling
Paint B-45 International Orange
EPA Registration No. 61-167
Your Submission Dated September 28, 1962

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. Add "this product contains petroleum distillates" or "Contains petroleum distillates" directly beneath the ingredients statement.

b. In the "Precautionary Statements" section:

- 1) Delete "Do not take internally."
- 2) In the "respirator" statement replace "... or applied by spraying..." with "... or when sanding boat surface...." Application directions specify "Do not spray...."
- 3) Under "Environmental Hazards," change "Do not apply..." to:

"Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes."
- 4) For the record, submit copies of the "Material Safety Data Sheet."
- c) On the Technical Data Sheet, under "Description," delete the phrase "... which has been proven to be more effective than the other available organotins."

The changes in product names, as indicated in the subject, are acceptable and have been made a part of the records for these products.

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.

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

Sincerely yours,

Richard F. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Enclosure