

## Hard Vinyl Type Antifouling Paint B-40 White

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

**COLORTOX ANTIFOULING PAINT:** A highly effective hard vinyl-type antifouling bottom paint. Protects against attachment of barnacles, hydroids, bryozoa, algae and other marine growths. Protects wood boats against borers. Does not cause galvanic action (electrolysis) and is available in bright, clean colors. 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. Do not spray as inhalation of spray mist is hazardous. Do not apply at temperatures below 40°F or if rain is expected before the coating is dry.

**COVERAGE PER COAT:** Approximately 400 sq. ft. per gallon (allows for a loss of 20%).

**NUMBER OF COATS:** 2 or 3 dependent on surface.

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

Between coats: 3 hours

Prior to submerging: 18 hours minimum, 36 hours when applied over old vinyl paints, 30 days maximum. If low temperatures and/or high humidities are encountered, longer drying times will be required.

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

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

**OLD BOTTOM PAINTS:** If a vinyl type paint in good condition, apply 2 coats of Colortox after cleaning and removing any loose paint. If not a vinyl, remove before using Colortox. Always test a small area with Colortox to see if old paint will lift off. If it does, remove the coating. When sanding on bottom paint, always "wet sand" and avoid contact with or breathing of the material. When bare surfaces are exposed, priming is required.

**FOR RECOATS OVER VINYL PAINTS:** When hauling, allow enough time for the hull to become free of absorbed moisture in the paint film prior to repainting. When repainting over old vinyl paints, the launching time must be lengthened to 36 or 48 hours to allow complete solvent release. Since preceding coats of vinyl bottom paints compete with the atmosphere for the solvent, solvents will require more time to escape the paint film. **NOTE:** Longer launching times are required on recoats.

**WOOD BOTTOMS:** Sand the surface with 100 grit wet or dry sandpaper. Apply 3 coats of Colortox paint. The first coat should be thinned with Z-Spar T-20 Vinyl Thinner. The next 2 coats should be applied without thinning. Any metal parts must be properly primed before applying the bottom paint.

**FIBERGLASS BOTTOMS:** Wash with 5% 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 Primer is still soft and tacky (within 2-6 hours, normally), apply the first coat of Colortox (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 Colortox.

**STEEL BOTTOMS:** Sandblast to a near-white metal surface and apply 2 coats of Z-Spar P-646 Epoxy Primer to a minimum 6 dry mils film thickness, following the 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 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 Colortox.

**ALUMINUM BOTTOMS:** Degrease bare aluminum by wiping with Z-Spar T-10 Thinner. Sand to develop an adhesion profile with 180 grit sandpaper. Alternatives to sanding are sandblasting or chemical deoxidizers. Apply medium wet passes of Z-Spar P-527 Primer, approximately 15 to 30 minutes apart, lapping horizontally and vertically. Total film thickness should be 3 to 4 dry mils. Topcoat times are critical for chemically cured coatings such as P-527 Primer. The last P-527 Primer 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 Primer can be applied and followed by a "wet-on-wet" technique, or a coat of Z-Spar P-619 Non-Sanding Fiberglass Primer can be applied as a tie coat before applying Colortox.

If the P-527 Primer film has cured longer than 48 hours, sanding or sandblasting is necessary to establish a profile for maximum mechanical adhesion. Then follow with another coat of P-527 Primer, and 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.) The P-527 Primer should be cured and scuff sanded with 180 grit sandpaper prior to fairing. Z-Spar #5 Polyester Putty can be used for fairing.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water. Containers used by storage or disposal of this product. Open burning is prohibited.

**PESTICIDE STORAGE:** Keep closures tight and keep 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 procedure 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**

**DANGER**

**CONTAINS KETONES AND XYLENE**

See Material Safety Data Sheet for this product.

Do not get on skin, in eyes, or on clothing. Wear goggles or face shield and protective clothing such as long-sleeved cotton shirt, long pants, hat and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid breathing vapor or spray mist. 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 swallowed, drink plenty of water. If vomited, do not induce vomiting. If inhaled, get fresh air and call a physician. If these are not available, drink large quantities of water. Avoid alcohol. CALL A PHYSICIAN IMMEDIATELY.

**NOTE TO PHYSICIAN:** Prohibit mucosal damage may contraindicate the use of gastric lavage.

**IN CASE OF FIRE:** Use dry chemical, foam, water, or CO<sub>2</sub>. Cool closed containers with water. Photochemically Reactive.

Koppers Company, Inc.

U.S. PATENT OFFICE

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

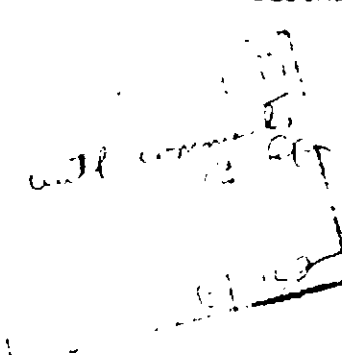
# KOPPERS

## Z-Spar Marine Coatings

TECHNICAL DATA SHEET

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, 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. 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