

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.

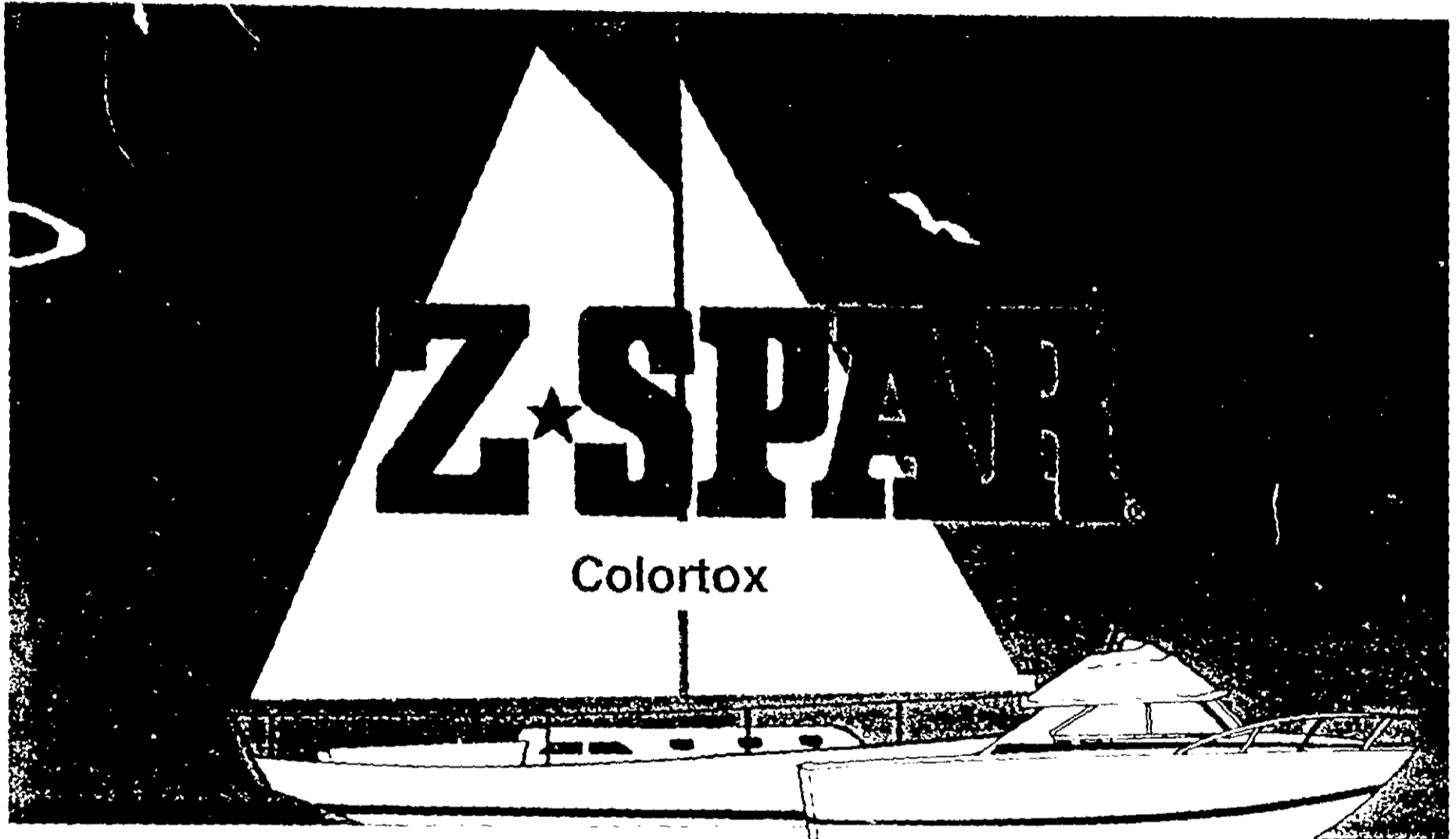
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(c). Your release for shipment of the product bearing the asserted labeling constitutes acceptance of these conditions.

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



Hard Vinyl Type Antifouling Paint B-42 Blue

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 spot test a small area with Colortox to see if old paint will lift or crack up. If it does, remove the coating. When sanding the 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 a row through time for the hull to become free of absorbed moisture. The paint film prior to repainting. When repainting over old vinyl paints, the launching time must be lengthened to 36 or more hours to allow complete solvent release. Since preceding coats of vinyl bottom paints compete with the atmosphere for the hull, they will react with the atmosphere and cause the paint to be encountered in the hull.

WOOD BOTTOMS: Sand the surface with 100-220 grit wet or dry sandpaper. Apply 3 coats of Colortox paint. The first coat 100% with Z-Spar T-20 Vinyl Thinner. The next 2 coats should be applied without thinning. Any wet parts must be properly dried before applying the bottom paint.

FIBERGLASS BOTTOMS: Wash with soap and clean 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 sand blasting 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 not 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. Consult your local Z-Spar representative for detailed specifications. The P-527 Primer should be cured in a well-ventilated area with 180 grit sandpaper prior to using Z-Spar 45 Polyester Putty. Do not use for hulls.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not use in areas where there is a fire hazard. Do not use in areas where there is a risk of explosion.

PESTICIDE STORAGE: Keep in original container and apply the same care as for any other pesticide. 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
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. Do not induce vomiting. If necessary, get medical attention. If these are not available, drink large quantities of water. Avoid a capot. CALL A PHYSICIAN IMMEDIATELY.

NOTE TO PHYSICIAN: Probable mucosal damage may contribute to the use of gastric lavage.

IN CASE OF FIRE: Use dry chemical, foam, water (not for closed containers with water).

Photochemically Reactive.

Koppers Company, Inc.

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

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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:
3. Add "This product contains petroleum distillates" or "Contains petroleum distillates" directly beneath the ingredients statement.