

23566-20

10/4/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



Office of Pesticide Programs

International Paints, LLC
2270 Morris Avenue
Union, N. J. 07083

OCT - 4 2012

Attention: John P. Pazdera
Pesticide Registration Manager

Subject: Bio C3 Continuous Copper Copolymer
EPA Registration No. 23566-20
Amendment Dated July 9 2012

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

Proposed Amendment:

- Addition of three (3) new Alternate Formulations
- Revised product label

General Comment:

The three new Alternate Confidential Statements of Formula (CSFs) dated September 14, 2012 are acceptable. Refer to the enclosed copy of the review for your records.

A copy of the "accepted" stamped labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510P)

Enclosure

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BIO C3 CONTINUOUS COPPER COPOLYMER 3901 BLUE

Exceptional Multi-Season Ablative Antifoulant
Controlled Polishing for Power or Sail
Manufactured by Interlux, A Division of International Paint LLC
Multi-Season Copolymer Antifouling Bottom Paint
Performance, value and reliability
Long lasting year round performance
High copper, for excellent performance in high fouling waters

KEEP OUT OF REACH OF CHILDREN

WARNING

See side panel for additional precautionary statements

NET CONTENTS: ONE U.S. GALLON (3.785 LITERS)

EPA Registration No. 23566-20
EPA Establishment No. 2693-NJ-1

Active Ingredient:

Cuprous Oxide

Inert Ingredients

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with COMMENTS
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Percent

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55.00%

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45.00%

100.00%

DISCLAIMER: The performance of any marine paint or coating depends on many factors outside the control of International Paint LLC including surface preparation, proper application and environmental conditions. Therefore, International Paint LLC cannot guarantee this product's suitability for your particular purpose or application. **IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY ARE EXCLUDED. INTERNATIONAL PAINT LLC SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.** By purchase or use, of the product, buyer agrees that the sole and exclusive remedy, if any, is limited to the refund of the purchase price or replacement of the product at International Paint LLC's option.

International Paint LLC
2270 Morris Avenue
Union, NJ 07083

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Causes eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear protective clothing such as gloves, long sleeved cotton shirt, long pants and hat. May be fatal if swallowed or inhaled. Do not breathe dust, vapor or spray mist. Wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration and by the National Institute for Occupational Safety and Health, while sanding boat surfaces. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

FIRST AID

If Swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Other: Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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ENVIRONMENTAL HAZARDS

This paint 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 paint removal to enter water. Dispose of paint debris in an approved landfill. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans and other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent to sewer system without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

DIRECTIONS FOR USE [Subset A - For Yacht Market]

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

PRODUCT DESCRIPTION

Bio C3 provides multi-season antifouling protection against barnacles, algae, and hydroids in salt and fresh water on boat bottoms only. Its ablative copolymer base renders a hard, smooth finish with durability and abrasion resistance. Bio C3 releases biocide by the constant exposure of new paint film to the water. It has universal application over all types of properly prepared bottom paints (except aluminum). For use on fast fiberglass boats, as well as wood and steel hulls. Extended protection is possible, since performance is directly proportional to the amount of paint applied.

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SURFACE PREPARATION

Surface must always be clean, dry and properly prepared prior to painting. Failure to do so will lead to eventual blistering and/or peeling. All sanded surfaces must be wiped clean with [70021 Reducer/Thinner; West Marine Model 329591 Reducer/Thinner; 551 Dewaxer; Interlux Fiberglass Solvent Wash 202] to remove sanding residue.

GENERAL APPLICATION

For use on boats below the true waterline. Can be brushed or rolled on fiberglass, wood, steel and previously painted surfaces per application systems below. Do not use on aluminum. Apply at least 3 coats for best performance, as the life of the paint is proportional to the number of coats applied.

MIXING AND THINNING

Shake or mix thoroughly and stir continuously while using. Thin when necessary with [70021 Reducer/Thinner; West Marine Model 329591 Reducer/Thinner; 551 Thinner; Interlux Special Thinner 216; Brush Ease 433].

THEORETICAL COVERAGE

Depending on surface and conditions, one gallon of bottom paint will usually cover over 350 square feet of surface when brushed or rolled.

CLEAN UP

Use [70021 Reducer/Thinner; West Marine Model 329591 Reducer/Thinner; 551 Reducer/Thinner; Interlux Special Thinner 216] for cleaning equipment and paint brushes.

ESTIMATED DRY TIMES

Bottom paints are designed for overcoating after an overnight dry. Prior to launching, allow a minimum dry of overnight and maximum of 60 days, if drying conditions are poor, or if paint was applied too thickly, longer periods of drying will be required. Fresh coats of paint must be thoroughly dry before overcoating.

YEARLY REPAINTING

Scrub bottom clean at haul-out. Repaint only if old paint is sound and tight; if not, remove it by sanding or with paint remover. If old paint is rough, sand it with 100-150 grit sandpaper. Prepare seams, nicks and chips as below. Spotcoat any scuffs with antifoulant. Apply 3 coats of antifoulant.

ON BARE WOOD: If seams are not flush, fill them with seam compound; dry several days until skin forms. Do not sand. Fill nicks with [Interlux Interprotect Watertite V135 Trowel Cement]. Dry hard, sand, apply [3035 Undercoat Primer, a high quality marine undercoat primer; 173 Undercoat Primer; Interlux Primocon 360R]. Then apply 3 coats of antifoulant.

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ON BARE FIBERGLASS: Dewax by washing with [70021 Reducing/Thinner; West Marine Model 329591 Reducer/Thinner; 551 Dewaxer; Interlux Fiberglass Solvent Wash 202]. Remove dissolved wax at once with clean paper towels or rags; repeat. Sand hard to a dull finish with 80-100 grit sandpaper. Fill any chips with [Interlux Interprotect Watertite V135 Trowel Cement]. Dry hard, sand, apply [3035 Supercoat White Primer or 3038 Non-Sanding Gray Primer, a high quality marine primer or high quality marine non-sanding primer; 179 No-Sand Primer or 173 White Undercoat Primer; Interlux Interprotect 2000E]. Then apply 3 coats of antifoulant.

ON BARE STEEL: Sandblast surface to a near white metal. Remove blast residue with a broom and airhose. Wipe off with [70021 Reducer/Thinner; West Marine Model 329591 Reducer/Thinner; 551 Dewaxer; Interlux Fiberglass Solvent Wash 202]. Do not sand. Fill in any imperfections with fairing compound. Sand smooth and wipe clean. Apply 3 coats of [3037 Red Oxide Primer or 3039 Zinc Chromate Primer; high quality marine red oxide primer or high quality marine zinc chromate primer; 408 Red Lead Primer or B304 2-Part Red Epoxy Primer; Interlux Interprotect 2000E] followed by 3 coats of antifoulant.

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ALTERNATE DIRECTIONS FOR USE [Subset B – For Yacht Market]

PRODUCT DESCRIPTION:

This product is performance, value and reliability all in one. This product is a fast drying, hard modified epoxy that is low in V.O.C. This product is a high copper antifouling paint formulated to effectively provide year round protection in warm waters or where fouling is at its worst. This product can be applied directly over most properly prepared antifouling paints. Recommended for use on the underwater areas of fiberglass, wood and properly primed metal (except aluminum) boat hulls and can be used in fresh, salt and brackish waters.

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

NOTE: Colors may fade or change above the waterline. Stir well before and during use. can be applied by brush, roller or spray. **Do not use on aluminum.**

COMPATIBILITY: This product can be applied over most other antifouling paints provided the old coating is tightly adhered, is in sound condition and has been thoroughly sanded with 80 grit wet-or-dry sandpaper.

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V.O.C.: Less than 330 grams/liter (2.75 lbs./gal.)	THEORETICAL COVERAGE: 470 sq. feet/gal at 3.5 mils WFT and 2 mils DFT
CLEAN UP: Acetone or Xylene ¹ THINNER: Xylene ² (thin only when necessary, do not exceed 10% by volume)	APPLICATION TEMPERATURE: 50° F (10° C)* and above (air and hull).

ESTIMATED DRY TIMES:

Temperature	Touch Dry	Over-Coating Time	Immersion Time	
°F (°C)		Minimum	Minimum	Maximum
50° F (10° C)	2 Hours	6 Hours	12 Hours	60 Days
77° F (25° C)	1 Hours	2 Hours	8 Hours	60 Days
95° F (35° C)	30 Minutes	1 Hours	6 Hours	60 Days

*If the air temperature falls below 50° F (10° C) during the dry time extend the dry times by 12 hours minimum.

PREPARATION/APPLICATION

BARE FIBERGLASS: Scrub the surface thoroughly with a stiff brush using soap and water. Flush with fresh water to remove the soap residue and allow surface to dry. Remove mold release wax and surface contamination by wiping down the surface with Xylene¹ using the two-rag method. Fill any surface imperfections with approved filler for underwater use. Sand the entire surface with 80-grit sandpaper until a flat matte finish is obtained. Wipe the sanding residue off the surface with Xylene¹ using the two-rag method. Apply two coats of this product allowing for appropriate dry times.

PREVIOUSLY PAINTED SURFACE - GOOD CONDITION: Remove all traces of loose paint by sanding the entire surface with 80 grit wet-or-dry sandpaper; wipe surface clean with Xylene¹ using the two-rag method before and after sanding. Apply two coats of this product allowing for appropriate dry times.

PREVIOUSLY PAINTED SURFACE - POOR CONDITION: Completely remove old antifouling paint, after all old antifouling paint has been completely removed, sanding the entire surface with 80 grit wet-or-dry sandpaper; wipe surface clean with Xylene¹ using the two-rag method before and after sanding. Apply two coats of this product allowing for appropriate dry times.

BARE WOOD: Sand the entire surface with 80 grit wet-or-dry sandpaper; wipe surface clean with Xylene¹ using the two-rag method before and after sanding. Apply the first coat of this product thinned 10% with Xylene². Apply two finish coats of this product allowing for appropriate dry times.

UNDERWATER METALS: Apply an approved underwater metal primer as per manufacturer's instructions. Apply two coats of this product allowing for appropriate dry times. **Do not use on aluminum.**

MAINTENANCE

Antifoulings are not effective under all conditions. Pollution, usage and natural occurrences can adversely affect an antifouling paint's performance. Therefore, we strongly suggest that the antifouling paints are checked regularly to make sure it is clean and that no growth is occurring. The less a boat is used, and the longer the idle periods are the higher the chance of fouling. Properly functioning antifouling paints will repel hard growth and requires only occasional light wiping with a soft cloth or Scotch-Brite™ pad to remove slime. Aggressive cleaning of antifouling paints, using tools such as scrubbing pads and brushes, will shorten the effective life of the paint, and should only be used if necessary.

¹ *May not be an approved solvent for use in all areas.*

² *Thinning of this product may affect the V.O.C. compliance of this product.*

Please consult your local government regulations for recommendations for volatile organic compound (VOC) limits.

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