

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 06 1992

Courtaulds Coatings
fka International Paint (USA), Inc.
2270 Morris Avenue
Union, NJ 07083

Attention: Raymond P. Ganqi

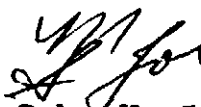
Subject: Interviron IVC BRA 640 Red
EPA Registration No. 2693-142
Amendment Dated October 16, 1991

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes below and submit five copies of final printed labeling.

1. If applicable, indicate the minimum temperature at which the product should be applied.
2. Use your complete product name wherever it appears in the label text. We note that your correct product name is Interviron IVC BRA 640 Red and not Interviron IVC Red BRA 640.
3. As discussed with the Agency, include the sentence "For use in fresh, salt, and brackish waters."

A stamped copy of the label is enclosed for your records. If you have any questions concerning this letter, contact Marshall Swindell at (703) 305-6908.

Sincerely yours,



John H. Lee
Product Manager 31
Antimicrobial Programs Branch
Registration Division (H7505C)

CONCURRENCES

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

RECORDED
with COMMENTS
in EPA Label File

JUL 06 1992

United States
EPA Region 4
2693-142



**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
KEEP OUT OF REACH OF CHILDREN
WARNING**

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. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment: IF SWALLOWED: Drink promptly large quantities of water. Avoid alcohol. Get immediate medical attention.

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

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 paint removal to enter water. Dispose of paint debris in an approved landfill.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE: Keep away from heat, sparks or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **NOTE:** Protective clothing and respirators should be used as described on the precautionary statements.

GENERAL DESCRIPTION

This product is an antifouling protective coating resistant to algae, barnacles and other marine fouling.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Open dumping is prohibited.

Pesticide spray mixture, or rinsate that cannot be used or chemically reprocessed

should be disposed of according to procedures approved by Federal, State, or

Local Disposal Authorities. **CONTAINER DISPOSAL:** Triple rinse (or equivalent)

and dispose of in an approved land fill. Consult Federal, State, or Local Disposal

Authorities for approved alternative procedures.

INTERVIRON

BRA 640 RED

**KEEP OUT OF REACH OF CHILDREN
WARNING!**

See Side Panel for additional precautionary statements

ONE GALLON (3.785 LITER)

BEST AVAILABLE COPY

INTERVIRON IVC THE PREMIUM COPPER CONTROLLED SOLUBILITY COPOLYMER

INTERVIRON IVC is formulated with an innovative copper copolymer system as a biocide. Extended protection is possible, since performance is directly proportional to the amount of INTERVIRON IVC applied. INTERVIRON IVC releases biocide by the constant exposure of new paint film to the water. Because of this, vessels used regularly experience optimal performance.

SURFACE PREPARATION AND COMPATIBILITY: Surface preparation directions must be followed exactly in order to insure adhesion. Surface must always be clean and dry prior to painting. INTERVIRON IVC can be applied over all popular antifouling paints as long as the old coating has been aged and is tightly adhered and in sound condition. This product should not be applied over teflon or graphite type paints. When overcoating epoxy primers, be sure to follow label directions carefully to insure proper adhesion.

GENERAL APPLICATION PROCEDURES: Apply at least 3 full coats of INTERVIRON IVC by brush or (solvent resistant) 3/8" nap roller. Do not apply thin coats. Keep in mind that the life of the paint is directly related to the number of coats applied. Certain areas of the hull experience faster erosion than other areas. These areas include the waterline, the leading edge of the keel and rudder, and the bow stem. On these areas, it is suggested that an additional coat of paint be applied to insure that the INTERVIRON IVC does not wash away before the other areas of the bottom.

MIXING AND THINNING INSTRUCTIONS: Mix thoroughly with power mixer prior to application. This coating is designed to be applied without thinning. Should thinning be necessary, consult your INTERLUX representative prior to altering this coating.

MINIMUM DRY AND LAUNCHING TIMES: Minimum drying time between coats and before launching is 18 hours. Maximum drying time before launching is 90 days. Hull temperature must be at least 50°F or above throughout the drying process.

THEORETICAL COVERAGE: 300 square feet per gallon per coat.

CLEAN-UP: For tools equipment, etc. use 218 INTERLUX SPECIAL THINNER

APPLICATION SYSTEMS

PREVIOUSLY PAINTED SURFACES: Good Condition: Remove all traces of loose paint and contamination by sanding the entire surface well with 80 grit production paper, wipe surface clean. Apply at least 3 coats of INTERVIRON IVC. Poor Condition: Completely remove all old antifouling paint with 298 INTERLUX PINTOFF for fiberglass. 198 INTERLUX PINTOFF for wood and by sandblasting steel surfaces to a near white metal. Proceed with application system for bare work as described below.

BARE FIBERGLASS: No Sand System: Wash entire surface thoroughly with 202 INTERLUX FIBERGLASS SOLVENT WASH changing rags frequently. Before liquid dries, wipe clean with a dry cloth. (Be sure all wax contaminants are removed.) Sand any imperfections and repair with 417A/418B EPOXY SURFACING & FARING COMPOUND, sand and wipe clean. Apply one thin continuous coat of AL200 INTERLUX FIBERGLASS PRIMER with brush or roller. Do not spray, do not sand. Allow to cure - between 2-3 hours - no more no less. Apply 3 or more coats of INTERVIRON IVC. Sanding System: Wash entire surface thoroughly with 202 INTERLUX FIBERGLASS SOLVENT WASH changing rags frequently. Before liquid dries, wipe clean with a dry cloth. (Be sure all wax contaminants are removed.) Sand any imperfections and repair with 417A/418B EPOXY SURFACING & FARING COMPOUND, sand and wipe clean. Sand entire gel coat well with 80 grit production paper until a flat matte finish is obtained, wipe surface clean. Apply 3 or more coats of INTERVIRON IVC.

BARE WOOD: Sand entire surface thoroughly to a smooth finish with 80 grit production paper, wipe surface clean. Repair imperfections with 417A/418B EPOXY SURFACING & FARING COMPOUND, sand and wipe clean. Apply first coat of INTERVIRON IVC to penetrate the wood. Fair seams with 30 INTERLUX SEAM COMPOUND. Apply second and third coats of INTERVIRON IVC.

ALUMINUM AND STEEL: It is absolutely mandatory to contact the INTERLUX Technical Sales Department for full details on how to properly prime steel and aluminum prior to using this product.

Rev 10/91

DISCLAIMER: The performance of any marine paint or coating depends on many factors outside the control of Courtaulds Coatings Inc. including surface preparation, proper application and environmental conditions. Therefore, Courtaulds Coatings Inc. 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. COURTAULDS COATINGS INC. SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. By purchase or use of this 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 Courtaulds Coatings' option.

ACTIVE INGREDIENT	PERCENT
CUPROUS OXIDE	41.97%
INERT INGREDIENTS	58.03%
	100.00%

ELEMENTAL COPPER 37.11%

CONTAINS PETROLEUM DISTILLATES

EPA REG. NO. 2093-142

EPA EST 2093-NJ

Courtaulds Coatings Inc

2270 Morris Avenue, Union, N.J. 07084
(908) 686-1300

COURTAULDS COATINGS

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**SUBSET A
DIRECTIONS FOR USE CONTINUED**

**INTERVIRON inc
THE PREMIER POLISHING ANTIFOULING**

INTERVIRON inc is designed to control a wide range of fouling organisms over extended service periods. The product is formulated with an innovative copper copolymer system

(TBT) as a biocide. Extended protection is possible since longevity is directly proportional to the amount of INTERVIRON inc applied. INTERVIRON inc releases biocide by the constant exposure of new paint to the water. Because of this, vessels used regularly experience optimal performance.

SURFACE PREPARATION AND COMPATIBILITY: Surface preparation directions must be followed exactly in order to insure adhesion. Surface must always be clean and dry prior to painting. INTERVIRON inc can be applied over most TBT copolymer and traditional long life antifouling paints as long as the old coating has been aged and is lightly adhered and in sound condition. This product should not be applied over teflon or graphite type paints.

GENERAL APPLICATION PROCEDURES: Airless spray is recommended; tip size 21-26 (hou., pump ratio of 30:1 or greater. For small areas, brush or roller application may be used but multiple coats may be required to achieve the required dry film thickness. It is recommended to apply by airless spray two (2) or three (3) full coats of INTERVIRON inc.

MIXING AND THINNING INSTRUCTIONS: Mix thoroughly with power mixer prior to application. This coating is designed to be applied without thinning. Should thinning be necessary, consult your International representative prior to altering this coating.

CLEAN-UP: For tools, equipment, etc., use INTERNATIONAL GTA007.

MINIMUM DRY AND LAUNCHING TIMES: Minimum drying time between coats is 6 hours, and before launching is 16 hours at a temperature of 73°F.

THEORETICAL COVERAGE: 300 square feet per gallon, per coat at 3.0 mils D.F.T. Consult your International representative for practical application coverages. Practical square foot coverage per gallon, per coat is directly proportional to surface, application techniques and climatic conditions.

APPLICATION SYSTEMS

EXISTING COPOLYMER ANTIFOULING SYSTEMS - GOOD HULL CONDITION: High pressure fresh water wash with a minimum of 2500 p.s.i. to remove all marine growth, slime, salts, etc. Spot blast all areas of corrosion to Near White Metal. Blow down with clean and dry high pressure air to remove all spent abrasives. Apply an approved underwater anticorrosive system.

POOR HULL CONDITION: For "optimum" results, blast entire area to Near White Metal. Apply an approved underwater anticorrosive system.

NEW SHIP CONSTRUCTION: Blast entire area to Near White Metal. Blow down with clean and dry high pressure air to remove all spent abrasives. Apply an approved underwater anticorrosive system.

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COURTAULDS COATINGS HOUSTON, TEXAS 77081