## Interviron BRA740-Red Antifouling

ACCEPTED MAY 29 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2/93\_80

# PROFESSIONAL APPLICATION ONLY FOR COMMERCIAL USE ONLY PREMIUM PROTECTION FOR MODERATE TO HEAVY FOULING TWO BIOCIDES

KEEP OUT OF REACH OF CHILDREN

#### **DANGER**

See side panel for additional precautionary statements

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

EPA Registration No. 2693-180 EPA Establishment No. 2693-NJ-1

#### Active Ingredients:

 Cuprous Oxide
 =
 38.63%

 4,5 - Dichloro-2-n-octyl-3 (2H) - isothiazolone
 =
 3.00%

 Inert Ingredients:
 =
 58.37%

 100.00%
 =
 34.94%

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## PRECAUTIONARY STATEMENTS DANGER KEEP OUT OF REACH OF CHILDREN

HAZARD TO HUMANS AND DOMESTIC ANIMALS: Danger. Corrosive. Causes eye damage and skin irritation. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### STATEMENT OF PRACTICAL TREATMENT:

In case of contact, immediately flush eyes and skin with plenty of water for at least 15 minutes. For eyes, call a physician. If swallowed, drink promptly large quantities of water. Avoid alcohol. Call physician immediately. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

#### ENVIRONMENTAL HAZARD

This pesticide is toxic to fish and aquatic invertebrates. 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 public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

#### PHYSICAL OR CHEMICAL HAZARDS

Flammable. Keep away from heat and open flame.

#### STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 of the nearest EPA Regional office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in an approved landfill, or by other approved state and local alternative procedures.

### ACCEPTED

MAY 29 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Rep. No. 2693-150

#### INTERVIRON® BRA740 RED ANTIFOULING

#### **DIRECTIONS FOR USE**

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

PRODUCT DESCRIPTION: This product is designed to control a wide range of fouling organisms over extended service periods. The product is formulated with an innovative dual biocide copolymer system. Extended protection is possible since performance is directly proportional to the amount of INTERVIRON® ivc applied, INTERVIRON® 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® can be applied over most TBT copolymer and traditional long life 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.

GENERAL APPLICATION PROCEDURES: Airless spray is recommended: tip size 21-26 thou, 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®.

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 12 hours, and before launching is 24 hours at a temperature of 73°F.

**THEORETICAL COVERAGE:** 331 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 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 250 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.

\* This product is only for use on steel boat/ship hulls operating in salt water. Not suitable for use on aluminum boat hulls.

Courtaulds Coatings Inc. 2270 Morris Ave., Union, NJ 07083

ACCEPTED MAY 29 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under 1/9-/80

Alternate Product Description and Directions for Use for Yacht Market

PRODUCT DESCRIPTION: This product is a multi-season antifouling paint formulated for professional application. This product contains two biocides - cuprous oxide, which controls shell fouling such as barnacles and teredo worms, and a booster called BIO-LUXTM PLUS. The BIO-LUXTM PLUS booster increases the effectiveness of the cuprous oxide against shell fouling, while adding excellent protection from weed, slime and algae growth. This product is designed to wash away (polish) at a controlled rate similar to a bar of soap, resulting in a reduced build-up of old coatings and minimized sanding at reapplication. This technology also allows the boat to be hauled and launched without recoating. This product is for use below the waterline in saltwater only, on fiberglass, wood and properly primed metal boat hulls and parts. Do not use on aluminum.

#### DIRECTIONS FOR USE

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

COMPATIBILITY: This product can be applied over most hard conventional antifouling paints as long as the old coating is tightly adhered, is in sound condition and has been thoroughly sanded with 80 grit wet-or-dry sandpaper. This product should not be applied over MICRON 33®, MICRON 44® or soft antifouling paints. These old coatings should be removed.

V.O.C.: Less than 400 grams/liter (3.34 lbs./gallon)

DRY TIMES: Touch dry- 2 hours

77°F (25°C) Dry to overcoat - 16 hours minimum \* Dry to launch - 16 hours minimum \*

THEORETICAL COVERAGE: 400 sq.ft./gallon Yields 2 mils dry film thickness

THINNING: Thin only when necessary. Thin only when necessary. A C CEPTE

THINNER: BRUSH-EASE 433 or

SPECIAL THINNER 216

CLEAN-UP: SPECIAL THINNER 24 **BRUSH-EASE 433** 

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APPLICATION TEMPERATURES: 50°F (10°C) and above, (Air and hull). \*If either temperature falls below 50°F (10°C) during the 16 hour dry time extend the dry time to a minimum of 36 hours.

#### APPLICATION SYSTEMS

Shake or mix well prior to use. Apply at least two full coats (3 coats on bare wood) of this product 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 amount of paint applied. If during application the brush pulls or the roller drags, use INTERLUX ® BRUSH-EASE 433 to improve handling. Certain areas of the hull experience faster polishing than the other areas. These areas include the waterline, the leading edge of the keel, the rudder and the bow stem. It is suggested that an additional coat of paint be applied to these areas to the insure that this product does not wash away before the other areas of the bottom.

PREVIOUSLY PAINTED SURFACES - GOOD CONDITION: Remove all traces of loose paint and contamination by sanding the entire surface well with 80 grit wet-or-dry sandpaper; wipe surface clean with INTERLUX® SPECIAL THINNER 216. Apply at least 2 coats of this product, allowing proper dry times.

PREVIOUSLY PAINTED SURFACES - POOR CONDITION: Completely remove all antifouling paint with INTERLUX® FIBERGLASS PINTOFF® 299 for fiberglass, INTERLUX® PINTOFF® 199 for wood and by sandblasting steel surfaces to a near white metal. Proceed with application for bare work described below.

BARE FIBERGLASS - SURFACE PREPARATION (POLYESTER OR VINYL-ESTER): It is very important that bare fiberglass be prepared properly to prevent delamination of antifouling paint. Scrub the surface thoroughly with soap and water using a stiff bristled brush, or use INTERLUX® ABRASIVE CLEANER YMA600. Flush well with fresh water. Wipe a small area with a clean cloth that has been wetted with INTERLUX® FIBERGLASS SOLVENT WASH 202. While the surface is still wet remove with a clean dry cloth. Repeat this process until the entire surface has been cleaned. To be certain that all wax and other contaminants have been removed, run water over the surface. If the water beads up or separates, wipe again with FIBERGI ASS SOLVENT WASH 202. When the water sheets off all contamination has been removed. Sanding does not remove contamination. After the surface has been properly cleaned, proceed with the application systems below.

BARE FIBERGLASS - NO SAND SYSTEM:. Clean the surface following the preparation procedure described above. Repair any surface imperfections using INTERLUX® SURFACING AND FAIRING COMPOUND 417A/418B. Sand the repaired areas and wipe clean. Apply one thin continuous coat of INTERLUX AL 200 FIBERGLASS PRIMER®. Follow the AL 200 label directions for overcoating, apply at least 2 coats of this product. Allow proper dry times between coats.

BARE FIBERGLASS - SANDING SYSTEM: Clean the surface following the preparation procedure described above. Repair any surface imperfections using INTERLUX® SURFACING AND FAIRING COMPOUND 417A/418B. Sand and wipe clean. Sand the entire surface with 80 grit sandpaper until a flat, matte finish is obtained. Wipe the sanding residue off the surface with FIBERGLASS SOLVENT WASH 202. Apply at least two coats of this product.

BARE WOOD: Sand entire underwater surface with 80 grit sandpaper; wipe surface clean with INTERLUX® BRUSH-EASE 433. Repair imperfections with EPOXY SURFACING AND FAIRING COMPOUND 417A/418B; sand and wipe clean. Apply first coat of this product reduced 10% with BRUSH-EASE 433 to penetrate into the wood. Fill seams with INTERLUX® SEAM COMPOUND 30. Apply second and CEPTED third coats of this product unreduced. Allow proper dry times between coats.

Under the Federal Insecticide, Funcicide, and Rodenticide Act, as amended, for the posticide EPA Reg. No. 2693-(2)

**UNDERWATER METALS:** Contact the Interlux Technical Service Department at 1-800-468-7589 for details on how to properly prime underwater metals. Do not use on aluminum.

INTERLUX® For information call 908-6861300 or write Interlux 2270 Morris Avenue, Union. N.J. 07083

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