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2693-181

3/20/98

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

2693-181

Date of Issuance:

MAR 20 1998

NOTICE OF PESTICIDE:

 x Registration
 Reregistration

Term of Issuance: Expires
June 30, 2000

Name of Pesticide Product:

Tri-Lux III with Bio-Lux
5490 Blue

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Courtaulds Coatings Inc.
2270 Morris Avenue
Union, NJ 07083

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. "2693-181"

b. Revise your product use directions by indication the allowable method(s) of application of the paint product, i.e., "Apply by brush, roller, conventional spray or airless application."

C. Revise your Precautionary Statements to read:

Harmful if absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear protective clothing such as gloves, long-sleeved cotton shirt, long pants, and hat. Avoid breathing spray mist. While spraying paint or sanding

Signature of Approving Official:

Marshall Swindell
Marshall Swindell Product Manager Team
33/RMB1/Antimicrobial Division

Date:

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or sand blasting boat surfaces, wear a mask or a respirator jointly approved by the Mining Safety & Health Administration and the National Institute of Occupational Safety and Health. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. May pose an aspiration pneumonia hazard.

e. Revise your Statement of Practical Treatment to read:

Statement of Practical Treatment

If Swallowed: Call a physician or Poison control Center. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

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.

If In Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

3. Submit the following studies within 18 months (i.e., September 20, 1999) of the date stamped on this Notice of Conditional Registration:

Studies on the Irgarol Technical Grade Active

GLN 72-4 Fish Early Life Stage (Estuarine Fish Study)
GLN 72-4 Aquatic Invertebrate Life Cycle (Freshwater Invertebrate)
GLN 73-1 Whole Sediment Acute, Freshwater Invertebrates
GLN 73-1 Whole Sediment Acute, Marine Invertebrates

Data on Each of the Three Major Degradates* of Irgarol
(*GS-26575, CA-30-0155, and GS-28620)

GLN 72-1 Acute Freshwater Fish LC50 (one specie), or
GLN 72-3(a) Acute LC50 Estuarine and Marine Fish, and

GLN 72-2 Acute Freshwater Invertebrate LC50 (Daphnia), or
GLN 72-3(c) Acute LC50 Estuarine and Marine Invertebrate, and

GLN 123-2 Aquatic Plant Growth (2 species: Navicula pelliculosa, and Skeletonema costatum)

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4. Submit the following "reserved" studies within 18 months of the date of the agency's written request for these data. The need for these reserved data will be based upon the results of one or more of the above studies as determined by the agency.

- GLN 164-2 Aquatic Field Study
- GLN 165-5 Accumulation Studies (nontarget organism)
- GLN 72-5 Fish Life Cycle
- GLN 72-6 Aquatic organism bioavailability/biomagnification/toxicity tests
- GLN 72-7 Simulated or actual field testing for aquatic organisms
- GLN 71-4 Avian Reproduction
- GLN 73-3 Acute Pore Water Studies (fish and invertebrates)
- GLN 74-1 Whole Sediment Chronic Study (invertebrates)
- GLN 123-1 Seedling Emergence-Dose Response Test
- Special Study: Monitoring of Representative U.S. Waters

5. This conditional registration will expire automatically on June 30, 2000. If you fail to satisfy the conditions imposed in the registration, EPA may issue a Notice To Cancel under Section 6(e) of FIFRA.

6. The release rate data (MRID#s 44050604 & 44184504) for your product was reviewed and found to be acceptable. The Irgarol release rate for your product was determined to be 4.17 ug/cm²/day.

7. Submit two (2) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

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

Sincerely yours,



Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510W)

INTERLUX

RECD EPA 07/07/DPD2

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TRI-LUX III
with **BIO-LUX™**

'96 JUL -2 A11:36

5490 BLUE
COPOLYMER ANTIFOULING PAINT**ACTIVE INGREDIENTS:**

Cuprous Thiocyanate	=	23.34
N-Cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine	=	2.23

INERT INGREDIENTS:

	=	74.43
TOTAL	=	100.00

Elemental Copper	=	12.16%
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ACCEPTED
with COMMENTS
in EPA Label Table

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Under the Federal Insecticide,
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amended, for the pesticide,
registered under EPA Reg. No.

2693-181

Contains Petroleum Distillates

EPA Registration No. 2693-

EPA Establishment No. 2693-NJ-1

KEEP-OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautionary statements

Net Contents: ONE U.S. GALLON (3.785 LITERS)

DISCLAIMER: The performance of any marine coating depends on many factors outside the control of Courtaulds Coatings Inc. including the surface preparation, proper application and the environmental conditions. Therefore, Courtaulds Coatings Inc. cannot guarantee the suitability of this product for your particular purpose or application. **IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY ARE EXCLUDED. COURTAULDS COATINGS INC. 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 Courtaulds Coatings Inc.'s option.

Courtaulds Coatings Inc.

Union, NJ

Houston, TX

Louisville, KY

MAR 20 1998

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

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

CAUTION

Causes skin irritation. 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 vapor or spray mist. While spraying paint or sanding or sand blasting boat surfaces, wear a mask or a respirator jointly approved by the Mining Safety & Health Administration and the National Institute of Occupational Safety and Health. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling. 2693-181

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED: Drink promptly a large quantity of water. Avoid alcohol. Get medical attention.
- IF ON EYES: Flush eyes with plenty of water. 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 HAZARD:

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. 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 OR CHEMICAL HAZARD:

Flammable. Keep away from heat and open flame.

STORAGE AND DISPOSAL:

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

PESTICIDE DISPOSAL: 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). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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FOR CHEMICAL EMERGENCY, SPILL, LEAK, EXPOSURE OR ACCIDENT:
CALL TOLL FREE - CHEMTREC 1-800-424-9300 (DAY OR NIGHT)
MEDICAL ADVISORY:
CONTACT YOUR LOCAL POISON CONTROL CENTER
OR CALL 1-800-854-6813

ACCEPTED
with COMMENTS
in EPA Letter 100-000000

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PRODUCT DESCRIPTION: TRI-LUX® III with BIO-LUX™ is a self-polishing antifouling paint specifically developed for use on aluminum boats, outdrives and outboards. TRI-LUX® III with BIO-LUX™ uses a copolymer resin system containing two biocides - Cuprous Thiocyanate and an organic booster called BIO-LUX™. The Cuprous Thiocyanate works best against shell fouling such as barnacles and zebra mussels while the BIO-LUX™ booster helps prevent slime and algae growth. This blend of resins and biocides offer, when properly applied over primer, excellent antifouling protection. TRI-LUX® III with BIO-LUX™ is available in bright, crisp colors, as well as black and white.

TRI-LUX® III with BIO-LUX™ is a true polishing product, that washes away with use, preventing build-up of old coatings. The polishing action of TRI-LUX® III with BIO-LUX™ will be affected by the temperature of the water. The warmer the water, the faster it will polish. THEREFORE, in warm or tropical waters 3-4 coats should be applied initially and 2 coats each subsequent season. While TRI-LUX® III with BIO-LUX™ has been specifically developed for use on primed aluminum, it can also be applied to fiberglass, wood and other underwater metals on boats. TRI-LUX® III with BIO-LUX™ is for use below the waterline in fresh, salt and brackish water.

DIRECTIONS FOR USE

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

COMPATIBILITY: TRI-LUX® III with BIO-LUX™ can be applied over most hard antifouling paints if the old coating is tightly adhered, in sound condition and has been properly primed (see application systems below). Remove any loose or flaking paint. Do not apply TRI-LUX® III with BIO-LUX™ over soft antifouling paints or tin-based copolymers. Paints that contain cuprous oxide should be removed if previously painted on aluminum prior to the application of TRI-LUX® III with BIO-LUX™. Do not apply Tri-Lux III with Bio-Lux to any unprimed aluminum surfaces.

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

THEORETICAL COVERAGE: 430 sq. ft./ gal yields 2 mils dry film thickness.

THINNER; SPECIAL THINNER 216 or BRUSH-EASE 433

DRY TIMES: Touch - 1 hour

77°F (25°C) Overcoat - 12 hours minimum

Launch - 12 hours minimum

THINNING: Thin only when necessary. Do not exceed 10% maximum.

CLEAN-UP: SPECIAL THINNER 216 or BRUSH-EASE 433

APPLICATION TEMPERATURE: 50°F (10°C) and above (air and hull).

APPLICATION SYSTEMS

BARE ALUMINUM - On small craft where sandblasting is not practical, i.e. aluminum pontoon boats, car top boats etc.; Wipe bare metal with INTERLUX® SPECIAL THINNER 216 to remove oil and grease. Uniformly, sand surface to a bright finish with medium grit emery cloth. Wipe surface clean of dust with INTERLUX® SPECIAL THINNER 216. Immediately apply one thin coat of INTERLUX® VINYL-LUX® PRIMEWASH 353/354 thinned 25% with INTERLUX® VINYL-LUX® SOLVENT 355. Allow to dry a minimum of one hour but no more than twenty-four hours then apply INTERLUX® INTERPROTECT® 2000E/2001E. Apply enough INTERPROTECT® 2000E/2001E to obtain a 10 mil dry film thickness. This usually takes 4-5 coats to obtain this thickness, although the amount of paint is more important than the number of coats. Be sure to follow dry times on the INTERPROTECT® 2000E/2001E label. When complete, apply at least three coats of TRI-LUX® III with BIO-LUX. If dry times for INTERPROTECT® 2000E/2001E cannot be followed, use the following alternate system. Apply four coats of INTERLUX® UNDERWATER METAL PRIMER 360R over the VINYL-LUX® PRIMEWASH 353/354. On rivets and adjacent areas, apply a minimum of

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5 coats of UNDERWATER METAL PRIMER 360R. Finish with at least three coats of TRI-LUX III with BIO-LUX™.

ALUMINUM- PREVIOUSLY PAINTED WITH ANTIFOULING PAINT. Remove incompatible antifouling paint (soft, tin-based copolymers or cuprous oxide) and primer (EPOXY PRIMER MAY BE LEFT ON IF IT IS IN GOOD CONDITION) to bare aluminum and proceed with bare system above. If the TRI-LUX® paint and primer system is in good condition, sand with 80 grit sandpaper. Wipe off sanding residue with INTERLUX® SPECIAL THINNER 216. Any areas where the bare aluminum is exposed must be resanded with medium grit emery cloth and wiped clean. Immediately apply INTERLUX® UNDERWATER METAL PRIMER 360R to bare areas. Then apply at least two additional coats of UNDERWATER METAL PRIMER 360R to the entire underwater surface. Do not apply UNDERWATER METAL PRIMER 360R or TRI-LUX® III with BIO-LUX™ above the true waterline. Apply three coats of TRI-LUX® III with BIO-LUX™.

ALUMINUM - PREVIOUSLY PAINTED WITH A FACTORY FINISH. Wipe surface clean with INTERLUX® SPECIAL THINNER 216 to remove contaminants. Sand the surface with 120 grit sandpaper. Wipe the surface again with INTERLUX® SPECIAL THINNER 216, to remove sanding residue. Immediately spot prime any bare areas with INTERLUX® UNDERWATER METAL PRIMER 360R. Apply at least two full coats of INTERLUX® UNDERWATER PRIMER 360R (three coats to riveted areas), to the entire bottom, allowing appropriate dry times. After an overnight dry apply at least three coats of TRI-LUX® III with BIO-LUX™. Do not apply UNDERWATER METAL PRIMER 360R or TRI-LUX® III with BIO-LUX™ above the true waterline.

UNDERWATER METALS INCLUDING SHAFTS, PROPELLERS, TRIM TABS, STRUTS AND THRU-HULL FITTINGS: These areas require special attention to initial surface preparation in order to improve adhesion. Treat these areas the same as bare aluminum. The longevity of this system will probably not be equal to that of the remainder of the boat due to the R.P.M.'s these parts withstand. For more details contact Interlux Technical Service at 1-800-468-7589.

BARE FIBERGLASS - NO SAND SYSTEM: Clean entire surface thoroughly with INTERLUX® FIBERGLASS SOLVENT WASH 202, changing rags frequently. Before the liquid dries, wipe clean with dry cloth. Be sure all wax and other contaminants are removed, if surface is not clean delamination will occur. Apply one thin, continuous coat of INTERLUX AL 200 FIBERGLASS PRIMER®. Follow the AL200 label directions for overcoating, and apply two coats of TRI-LUX® III with BIO-LUX™. Apply a minimum of three coats of TRI-LUX® III with BIO-LUX™.

BARE FIBERGLASS - SANDING SYSTEM: Be sure all wax and other contaminants are removed by cleaning the surface with INTERLUX® FIBERGLASS SOLVENT WASH 202. Wash the surface thoroughly with a rag that has been soaked in FIBERGLASS SOLVENT WASH 202 and before the liquid dries wipe off with a clean dry cloth. Change the rags frequently. After the surface has been cleaned sand with 80 grit sandpaper until a flat, matte finish has been obtained. Wipe off the sanding residue with FIBERGLASS SOLVENT WASH 202. Apply three coats of TRI-LUX® III with BIO-LUX™.

BARE WOOD: Sand entire surface thoroughly to a smooth finish with 80 grit sandpaper. Clean off the sanding residue using INTERLUX® SPECIAL THINNER 216 on a damp rag. Apply the first coat of TRI-LUX® III with BIO-LUX™ reduced with INTERLUX® SPECIAL THINNER 216 (10% maximum) to penetrate the porous grain. Fill seams with INTERLUX® SEAM COMPOUND 30. Apply second and third coats of TRI-LUX® III with BIO-LUX™ unreduced.

PREVIOUSLY PAINTED FIBERGLASS AND WOOD - GOOD CONDITION: Remove all traces of loose paint and contamination by sanding the entire surface with 80 grit sandpaper. Wipe surface clean. Apply three coats of TRI-LUX® III with BIO-LUX™.

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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 908-686-1300
or write Interlux 2270 Morris Avenue, Union, N.J. 07083

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