



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

EPA Reg. Number:  
 2693-183

Date of Issuance:  
 MAR 20 1998

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance: Expires  
 June 30, 2000

Name of Pesticide Product:  
 Micron CSC Plus With  
 Biolux Shark White

(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. "2693-183"
- b. Revise your product use directions by indicating 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: *M. 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)

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 2.74 ug/cm2/day.

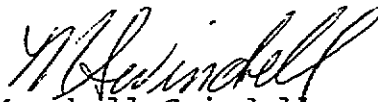
7. Please note that the submitted Acute Skin Irritation Study (MRID# 44222302) is unacceptable. Since the study was conducted with only three animals, it does not currently fulfill this guideline requirement. This study is potentially upgradable to acceptable status if supplemental data for three animals are submitted. The agency will not deny registration at this time on the basis of this unacceptable study since an acceptable Skin Irritation Study has been submitted on a substantially similar product belonging to your company (EPA Reg. No. 2693-181).

8. 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)

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**MICRON CSC PLUS  
with BIO-LUX**

**5684 SHARK WHITE**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 20 1998

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

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

See side panel for additional precautionary statements

2693-183

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

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

**Active Ingredients:**

Cuprous Oxide	= 29.73%
N-Cyclopropyl-N'-(1,1-dimethylethyl)-6- (methylthio)-1,3,5-triazine-2,4-diamine	= 1.90%
Inert Ingredients:	= 68.37%
	100.00%

Copper as Metallic = 26.20%

**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.

	<b>Courtaulds Coatings Inc.</b>	
<b>Union, NJ</b>	<b>Houston, TX</b>	<b>Louisville, KY</b>

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Under the Federal Insecticide,  
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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

2693-183

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.

**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.

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

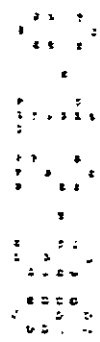
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**PRODUCT DESCRIPTION:** MICRON CSC® PLUS with BIO-LUX™ is a multi-season, Controlled Solubility Copolymer antifouling paint that is specially formulated with two biocides - cuprous oxide and a booster called BIO-LUX™. The cuprous oxide works best against shell fouling, while the BIO-LUX™ booster helps protect against weed, slime and algae growth. MICRON CSC® PLUS with BIO-LUX™ washes away (polishes) 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. MICRON CSC® PLUS with BIO-LUX™ is for use below the waterline on fiberglass, wood and properly primed metal boat hulls and parts, in fresh, salt and brackish waters. 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:** MICRON CSC® PLUS with BIO-LUX™ 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. MICRON CSC® PLUS with BIO-LUX™ should not be applied over MICRON 33®, MICRON 44® or soft antifouling paints. These old coatings should be removed.

**V.O.C.:** Less than 450 grams/liter  
(3.75 lbs./gallon)

**THINNING:** Thin only when necessary.  
Do not exceed 10% by volume

**DRY TIMES:** Touch dry- 2 hours  
77°F (25°C) Dry to overcoat - 16 hours minimum \*  
Dry to launch - 16 hours minimum \*

**THINNER:** Brushing- BRUSH-EASE 433  
Spraying- SPECIAL THINNER 216

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

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

**APPLICATION TEMPERATURES:** 50°F (10°C) and above. (Air and hull)

\* If either hull or air 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 MICRON CSC® PLUS with BIO-LUX™ 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 insure that the MICRON CSC® PLUS with BIO-LUX™ does not wash away before the other areas of the bottom. ....

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2639-183

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**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 MICRON CSC® PLUS with BIO-LUX™, 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. When the surface is dry, 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 FIBERGLASS 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 MICRON CSC® PLUS with BIO-LUX™. 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 MICRON CSC® PLUS with BIO-LUX™.

**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 MICRON CSC® PLUS reduced 10% with BRUSH-EASE 433 to penetrate into the wood. Fill seams with INTERLUX® SEAM COMPOUND 39. Apply second and third coats of MICRON CSC® with BIO-LUX™ unreduced. Allow proper dry times between coats.

ACCEPTED FOR COMMENTS  
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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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