

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 11 1995

Courtaulds Coatings, Inc.  
400 South 13th Street  
Louisville, KY 40203

Attention: Santish Bhatt

Subject: Micron 360 441 Blue Water Based Paint A/F  
EPA Registration Number 2693-175  
Your Submission Dated June 30, 1995  
EPA Received Date July 6, 1995

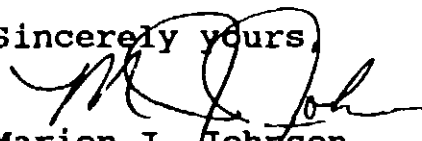
The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to update and revise the product labeling, provided that you make the following revisions to the amended label.

1. The "Environmental Hazards" statement that reads "Do not discharge ...Regional Office at EPA", should be revised in accordance with PR Notice 93-10.
2. The signal word "Warning", under the Precautionary Statements, should be relocated to just below the subheading "Hazards to Humans and Domestic Animals". Additionally, correct this subheading to reflect: "Hazards to Humans and Domestic Animals".

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

If you have any questions concerning this letter, please contact Karen M. Leavy at (703)-305-6996.

Sincerely yours,



Marion J. Johnson  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

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CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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# MICRON 360 441 BLUE

WATER BASED COPOLYMER ANTIFOULING PAINT  
97% Solvent (VOC) FREE

KEEP OUT OF REACH OF CHILDREN

## WARNING

See side panel for additional Precautionary Statements

ONE U.S. GALLON (3.785 LITERS)

EPA Registration No 2693-175

EPA Establishment No 2693-NJ-1

Active Ingredient:		
Cuprous Oxide	=	48.80%
Inert Ingredients	=	51.20%
		<hr/>
		100.00%
 Copper as Metallic	=	 44.17%

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.  
400 S. 13th Street, Louisville, KY 40203

Union, NJ

Louisville, KY

Houston, TX

ACCEPTED  
with COMMENTS  
in EPA Letter D-1222

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**PRECAUTIONARY STATEMENTS**

**WARNING**

**KEEP OUT OF REACH OF CHILDREN**

**HAZARD HUMANS AND DOMESTIC ANIMALS:**

Causes eye irritation. Harmful if swallowed or 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 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 Enforcement and Safety 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:** Promptly drink large quantities of water. Avoid alcohol. Get medical attention.

**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

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

**STORAGE AND DISPOSAL**

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

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Paint that cannot be used according to label instructions must be disposed of according to federal, state or local procedures under the Resources Conservation and Recovery Act.

**CONTAINER DISPOSAL:** Dispose of container by triple rinse and recycling or puncturing and disposing in a sanitary landfill or by other approved State and local procedures. If burned stay out of smoke.

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## Micron 360

### DIRECTIONS FOR USE:

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

**PRODUCT DESCRIPTION:** MICRON 360 was developed to provide excellent antifouling performance, with the added benefit of limiting the Volatile Organic Compound (VOC) level, which is being regulated in many states. Micron 360 is 97% solvent (VOC) free with a VOC of less than 150 grams/liter

This product washes away (polishes) over time eliminating build up of old coatings. Because it is water based, clean up is easy and there is solvent emission to impact our atmosphere. Micron 360 is extremely effective against growth of algae, weeds, barnacles, zebra mussels and other forms of fouling. MICRON 360 is for use below the waterline in fresh, salt or brackish water on fiberglass, wood and properly primed metal boat hull and parts. Do not use on aluminum. This product is suitable for commercial and non-commercial applications.

**COMPATIBILITY:** MICRON 360 can be applied over most antifouling paints as long as the old coating is tightly adhered and is in sound condition. When applying over conventional hard antifouling, thoroughly sand with 80 grit wet or dry sandpaper. If applying over polishing type copolymer antifouling, heavy sanding is required. Do not apply over tin based copolymers, and/or soft antifouling paints. These coatings should be removed prior to application of Micron 360.

VOC: than 150 grams/liter

THINNER: Water

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

CLEAN UP: Soap and water. Be sure to observe proper disposal procedures for all antifouling paints.

THEORETICAL COVERAGE: 440 square feet per gallon per coat.

COATS REQUIRED: 2 coats plus an additional coat at the waterline and on areas of high turbulence. As an optional method, the first or base coat can be a different color from the top coat. As the top coat wears or polishes away, the base coat will begin to appear signaling the time for reapplication of fresh topcoat.

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

DRYING TIMES: 77°F (25°C) Touch Dry - 2 hours  
To Recoat - 6 hours  
Launch - Minimum: 48 hours from last coat  
- Maximum: 60 days

### APPLICATION SYSTEMS

**GENERAL APPLICATION PROCEDURES:** Stir thoroughly (Do not Shake). Apply at least 2 full coats (3 coats on bare wood) of MICRON 360 by synthetic brush or 3/8" nap roller. Do not apply thin coats, the life of this paint film is directly related the amount of paint applied. If during application, brush pulls or roller drags, thin the coating with water to improve handling. Certain areas of hull experience faster polishing than other areas. These areas include the waterline, the leading edge of the rudder, and the bow stem. On these areas, it is suggested that an additional coat of paint be applied to insure that the MICRON 360 does not polish away before the other areas of the bottom. During the drying and curing process there may appear to be color changes resulting in an uneven appearance. This discoloration will disappear as the finish dries to a deep uniform color.

**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 tap water. Apply at least 2 coats of MICRON 360, allowing proper dry times. See "Compatibility" section for additional information.

**PREVIOUSLY PAINTED SURFACES - Poor condition:** Completely remove all old 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 system for bare work as described below.

**BARE FIBERGLASS - No sand system:** Wash entire surface thoroughly with INTERLUX FIBERGLASS SOLVENT WASH 202, changing rags frequently. Before liquid dries, wipe clean with a dry cloth. (Be sure all wax and other contaminants are removed). Failure to properly clean the surface will result in paint delamination. Sand any imperfections and repair with INTERLUX EPOXY SURFACING & FAIRING COMPOUND 417A/418B; sand and wipe clean. Apply one thin, continuous coat of INTERLUX AL200 FIBERGLASS PRIMER with brush or roller. Do not spray; do not sand. Allow to cure 2 hours but no more than 3 hours. Apply first coat of MICRON 360 and allow to dry overnight. Apply at least one more coat of MICRON 360 allowing proper dry times.

**BARE FIBERGLASS - Sanding system:** Wash entire surface thoroughly with INTERLUX FIBERGLASS SOLVENT WASH 202, changing rags frequently. Before liquid dries, wipe clean with a dry cloth. (Be sure all wax and other contaminants are removed). Failure to properly clean the surface will result in paint delamination. Sand any imperfections and repair with INTERLUX EPOXY SURFACING & FAIRING COMPOUND 417A/418B; sand and wipe clean. Sand entire gelcoat well with 80 grit wet or dry sandpaper until a flat, matte finish is obtained; wipe surface clean with INTERLUX FIBERGLASS SOLVENT WASH 202. Apply 2 or more coats of MICRON 360 allowing proper dry times.

**BARE WOOD:** Sand entire surface thoroughly with 80 grit production sandpaper; wipe surface clean with SPECIAL THINNER 216. Repair imperfections with INTERLUX EPOXY SURFACING & FAIRING COMPOUND 417A/418B; sand and wipe clean. Apply first coat of MICRON 360 reduced with tap water (10% maximum). Fill seams with INTERLUX SEAM COMPOUND 30 between first and second coats of MICRON 360.

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

**NOTE:** MICRON 360 can be short hauled for up to 30 days without repainting prior to relaunch. Just powerwash upon hauling to remove any slime or algae growth to assure a clean surface, and the antifouling protection will not be interrupted.

APPROVED  
with COC. 1001  
in EPA Letter 01-02

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