

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PM 31 2963-115

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FEB 22 1996

Courtaulds Coatings
400 So. 13th Street
Louisville, KY 40203

Attention: Brian Hebdige

Subject: Interlux Micron 33 461 Green
EPA Registration No. 2693-115
Amendment Dated April 28, 1995

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended to update your product labeling is acceptable provided that you make the labeling changes outlined below:

- a. Place your ingredient statement on the front panel of the label with the product name.
- b. Add the following statement to the Directions For Use section (and delete elsewhere):

"Users must comply with all applicable OSHA requirements"

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

submit five copies of final printed labels before your release your product for shipment bearing the amended labeling.

If you have any questions concerning this letter you may contact Marshall Swindell at (703) 305-6908.

Sincerely yours,



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

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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RESTRICTED USE PESTICIDE
Due to toxicity to aquatic organisms including shellfish. For sale only to certified commercial applicators and for use only by persons under the direct supervision of an on-site (at the work site) certified commercial applicator.



Micron 33[®]

AN ORGANO-METALLIC POLYMER
ANTIFOULING PAINT

461 GREEN

KEEP OUT OF REACH OF CHILDREN
DANGER

See Side Panel for Additional Precautionary Statements

ONE U.S. GALLON (3.785 LITERS)

ACCEPTED
with COMMENTS
In EPA Letter Board

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the pesticide
registration under FIFRA, the
EPA has

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PRECAUTIONARY STATEMENTS

DANGER

KEEP OUT OF REACH OF CHILDREN

HAZARD TO HUMANS AND DOMESTIC ANIMALS:

Corrosive. Causes eye irritation and skin burns. When handling wear full protective clothing, rubber gloves, goggles, face shield or other approved eye protection. May be fatal if swallowed or inhaled. Harmful if absorbed through skin. This product may be dermal sensitizer. Avoid contact with skin, eyes, or clothing. Remove and wash contaminated clothing before reuse. Avoid breathing of vapor, spray mist, dust or chips from sanding or blasting. While spraying, sanding or blasting wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health.

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 and other public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent to sewer system without previously notifying the 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, feed by storage or disposal. Open dumping is prohibited.

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

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

DIRECTIONS FOR USE

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

It is unlawful to use this product on non-aluminum hulled vessels less than 82 feet (25 meters) in length (on deck) except for the outboard motor or lower drive unit of such vessels.

ACCEPTED
with COMMENTS
in EPA Letter Dated

FEB 22 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registration under FIFRA (40 CFR 152.2693-115)

4/4

ACCEPTED
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Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under FIFRA Reg. No.
2693-115

Active Ingredients
-Tributyltin Methacrylate
(as part of a polymer) = 13.40%
- Bis (tributyltin) Oxide = 0.20%
- Cuprous Thiocyanate = 17.20%
Inert Ingredients: = 69.20%
100.00%
Elemental Tin = 4.4%
Elemental Copper = 8.9%
This product contains 1.3 lbs. Tributyltin
Methacrylate (as part of a polymer), .02 lbs.
Bis (Tributyltin) Oxide and 1.6 lbs. Cuprous
Thiocyanate per gallon.

CONTAINS PETROLEUM DISTILLATES
EPA REG. NO. 2693-115
EPA EST. NO. 2693-NJ-1

MICRON 33® AN ORGANO-METALLIC POLYMER ANTIFOULING PAINT FOR BRUSH OR ROLLER APPLICATION

The MICRON series of antifouling paints are different from conventional antifouling paints in that their effective antifouling life can be significantly longer. The antifouling paint performance is directly related to the amount of paint applied. Protection is constant as long as there is sufficient paint. A very thin coat of paint should be avoided since it will result in premature fouling due to low film thickness. Unlike conventional antifouling paint, the paint film does not deteriorate when exposed to sunlight. This enables the boat to be hauled at the end of the season and relaunched the following season without repainting. Therefore, protection is possible for more than one season. Under rare circumstances, slight or limited premature fouling has occurred. It has been determined that when the fouling is removed and the bottom cleaned, that the paint will be rejuvenated. If slime appears, it may be removed by wiping with a soft cloth. Essentially, it is not necessary to repaint until the MICRON has eroded from the hull.

NOTE: Copolymer antifouling paints such as MICRON are non-porous coatings and may experience small pin head bubbles on a limited number of fiberglass boats. The bubbles are not the fault of the paint, and do not affect the antifouling properties. However, if they cannot be tolerated, or if the hull has a history of gelcoat blisters, it is recommended that conventional INTERLUX antifouling paint be used.

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. Vinyl hard epoxy and copolymer antifouling are the only suitable paints for overcoating with MICRON 33. It is important that these paints be in excellent condition to allow overcoating.

GENERAL APPLICATION PROCEDURES: Apply at least 2 full coats of MICRON 33 by brush or (solvent resistant) 3/4" 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. If during application, brush pulls or roller drags, use 433 INTERLUX BRUSH-EASE to improve handling. Certain areas of the hull experience faster erosion than other areas. These areas include the leading edge of the keel and rudder, the waterline and the bow stem. On these areas, we suggest an additional coat of paint to insure that the MICRON does not wash away before the other areas of the bottom.

MIXING AND THINNING INSTRUCTIONS: Shake and mix well. Stir continuously while using. Thin only when necessary with 433 INTERLUX BRUSH-EASE (not to exceed 30% by volume). Additional colors are possible by mixing two or more colors of MICRON 33.

MINIMUM DRY AND LAUNCHING TIME: Minimum drying time between coats and before launching must be 16 hours. There is no maximum drying time before recoating or launching.

THEORETICAL COVERAGE: 200 square feet per gallon, per coat.

CLEAN-UP: For tools, equipment, etc. use 216 INTERLUX SPECIAL THINNER or 433 INTERLUX BRUSH-EASE.

APPLICATION SYSTEMS

PREVIOUSLY PAINTED SURFACES: Vinyl and hard epoxy antifouling are the only suitable paints for overcoating with MICRON 33. It is important that these paints be in excellent condition to allow overcoating. Wash entire surface with 433 INTERLUX BRUSH-EASE, changing rags frequently. Repeat application. Sand entire surface with 80 grit sandpaper to a clean firmly attached surface. If a soft conventional antifouling paint is present, it must be removed. If there are excessive coats of old vinyl or hard epoxy antifouling on the surface to be painted, or weakness between or under those old coats, the "pulling" effect of MICRON 33 may cause detachment. To prevent this from occurring, the excessive paint should be removed.

BARE FIBERGLASS - NO SAND METHOD: Wash entire surface with 202 FIBERGLASS SOLVENT WASH changing rags frequently. Repeat application if necessary to be sure all wax and mold release agents have been removed. Repair dents and scratches with 417/418 EPOXY SURFACING & FAIRING COMPOUND, sand and clean repaired areas. Apply one thin coat of AL200 INTERLUX FIBERGLASS PRIMER with brush or roller. Do not spray, do not sand. Apply first coat of MICRON 33 after the AL200 FIBERGLASS PRIMER has dried between 2-3 hours. NO MORE NO LESS! Apply second coat of MICRON 33 after a 16 hour dry.

BARE FIBERGLASS SANDING METHOD: Wash entire surface with 202 FIBERGLASS SOLVENT WASH, changing rags frequently. Repeat application. Repair scratches and dents with 417/418 EPOXY SURFACING & FAIRING COMPOUND. Sand entire surface with 80-120 grit production paper until a dull, matte appearance is obtained, wipe clean. Apply 2 coats of MICRON 33.

BARE WOOD: Sand well with 80-120 grit production paper; wipe surface clean. Apply first coat of MICRON 33 after it has been thinned (10%) with 433 INTERLUX BRUSH-EASE. Apply second coat (do not thin unless necessary) after a 16 hour dry.

ALUMINUM AND STEEL: Please contact the INTERLUX Technical Sales Department for full details.

HAUL OUTS AND WINTER STORAGE: Immediately after hauling use a high pressure fresh water hose and a soft scrub brush to remove all trace of salt and slime. Failure to wash off slime will cause MICRON 33 to lose antifouling properties. MICRON 33 does not lose toxicity or antifouling properties during out of water storage. If after winter storage recoating is required, wash and clean surface again and allow thorough dry before applying fresh coat of MICRON 33.

CAUTIONS: It is USUALLY NOT NECESSARY OR DESIRABLE to sand MICRON 33. Also, if MICRON 33 must be sprayed, it must only be applied by competent professional spray applicators utilizing the proper solvents and safety equipment. When overcoating epoxy primers with MICRON 33, it is essential to use AL200 to insure adhesion of MICRON to epoxy.

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 the 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 Inc's option.

Courtaulds Coatings Inc.
400 So. 13th Street, Louisville, KY 40203
Louisville Union Houston