

PM33

2693-115

12/10/98

1 of 5

**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 22<sup>®</sup>

**An Organo-Metallic Polymer Antifouling Paint**

**For Brush or Roller Application**

**451**

**GREEN**

ACTIVE INGREDIENTS	PERCENT
Tributyltin Methacrylate (as part of a polymer)	13.40%
Bis(tributyltin) Oxide	0.20%
Cuprous Thiocyanate	17.20%
<b>INERT INGREDIENTS</b>	<b>69.20%</b>
	100.0%

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

**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 suitability of this product for your particular purpose or application. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY ARE EXCLUDED. COURTALD'S COATINGS INC. SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. By purchase of this product, buyer agrees that the sole and exclusive remedy, in any event, is limited to the refund of the purchase price or replacement of product at Courtaulds Coatings Inc's option.

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See Side Panels for Additional Precautionary Statements

**ONE U.S. GALLON (3.785 LITERS)**

**ACCEPTED**

DEC 10 1998

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

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 of 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 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.

Rev. 5/97

**ACCEPTED**  
DEC 1 0 1998  
Under the Federal Insecticide, Fungicide, and  
Rodenticide Act as amended, for the  
pesticide, registered under  
EPA Reg. No. 02693-115

3015

**DIRECTIONS FOR USE**

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

**RESTRICTED USE PESTICIDE**

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.

Users must comply with all applicable OSHA requirements.

**PRODUCT DESCRIPTION:** MICRON® 22 is a tributyltin based copolymer that has been designed for use by licensed applicators on aluminum hulled vessels or any boat over 82 feet (25 meters). The resin system of MICRON® 22 allows for the controlled release of biocide and also enables the boat to be hauled for extended periods of time and relaunched without recoating. This makes antifouling protection possible for more than one season. The performance of MICRON® 22 is directly related to the amount of paint applied (Thin film thickness may lead to premature fouling). It is not necessary to repaint until the MICRON 22® has polished from the hull.

MICRON® 22 is for use below the waterline on underwater boat hulls and parts in fresh, salt and brackish water and can be brush, roller or spray applied.

MICRON® 22 is also known as SUPERYACHT 800 ANTIFOULING and is part of International Paint's globally compatible Superyacht antifouling paint system. MICRON 22® is compatible with all SUPERYACHT 800 antifouling paints regardless of country of origin. Follow the application instructions for previously painted surfaces.

**SURFACE PREPARATION AND COMPATIBILITY:** Surface preparation directions must be followed exactly in order to insure proper adhesion. Surface must always be clean and dry prior to painting. Vinyl, hard epoxy, and tin-based copolymer antifouling paints are the only suitable paints for overcoating with MICRON 22®. It is important that these paints be in excellent condition to allow overcoating.

**V.O.C.:** Less than 500 grams/liter

**THEORETICAL COVERAGE:** 270 sq. ft./ gal. yields 2.5 mils dry film thickness.

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

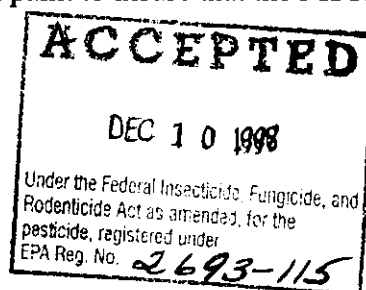
**DRY TIMES:** Touch dry - 1 hour  
at 77°F(25°C) Overcoat - 10 hours minimum  
Launch - 10 hours minimum

**THINNING:** Thin only when necessary  
10% Maximum

**APPLICATION TEMPERATURE:** 50°F (10°C) and above  
If temperature falls below 50°F (10°C) during the 16 hour dry time extend dry times to a minimum of 36 hours

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

**GENERAL APPLICATION PROCEDURES:** Apply at least 2-3 full coats of MICRON 22® 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. Certain areas of the hull, such as the leading edge of the keel and rudder, the waterline and the bow stem polish faster than other areas. On these areas we suggest an additional coat of paint to insure that the MICRON 22® does not polish away before other areas of the bottom.



### APPLICATION PROCEDURES

**BARE ALUMINUM: LARGE VESSELS:** Sandblast bare aluminum to white metal with a clean, non-metallic blast media. Within one hour of blasting begin to apply either **INTERPROTECT 3000/3001®** or **INTERPROTECT® 2000E/2001E**. A minimum of 10 mils dry film thickness of **INTERPROTECT®** must be applied prior to the application of **MICRON 22®**.

**SMALL CRAFT** - 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 **MICRON 22®**. 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 5 coats of **UNDERWATER METAL PRIMER 360R**. Finish with at least three coats of **MICRON 22®**.

**ALUMINUM- PREVIOUSLY PAINTED WITH ANTIFOULING PAINT.** Remove incompatible antifouling paint and primer to bare aluminum and proceed with bare system above. If the surface was previously painted with **MICRON 22®** paint and primer system and is in good condition, sand with 80 grit sandpaper. Wipe off sanding residue with **INTERLUX® SPECIAL THINNER 216**. Apply three full coats of **MICRON 22®**. Any small areas where the bare aluminum is exposed must be resanded with medium grit emery cloth and wiped clean. Immediately apply three full coats of **INTERLUX® UNDERWATER METAL PRIMER 360R** to bare areas. For large areas (over 1 square foot) apply **VINYL-LUX PRIMEWASH 353/354** as above for bare aluminum. Then apply three coats of **INTERLUX UNDERWATER METAL PRIMER 360R**. Do not apply **UNDERWATER METAL PRIMER 360R** or **MICRON 22®** above the true waterline. Apply three coats of **MICRON 22®**. If the hull was primed with epoxy primers, epoxy can be applied to the clean sanded area instead of the **UNDERWATER METAL PRIMER 360R**. Do not apply epoxy primers over **MICRON 22®**.

**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 three coats of **INTERLUX® UNDERWATER PRIMER 360R** to the entire bottom, (four coats to riveted areas), allowing appropriate dry times. After an overnight dry apply at least three coats of **MICRON 22®**. Do not apply **UNDERWATER PRIMER 360R** or **MICRON 22®** above the true waterline.

**ACCEPTED**  
DEC 10 1998  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg No. 2693-115

**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.

**FIBERGLASS, WOOD and STEEL: MICRON 22®** may be applied to boats that are made of fiberglass, wood and steel provided the boats are over 82 feet in length and applied by a licensed applicator. Contact Interlux® Technical Service for application information.

**NOTE:** Copolymer antifouling paints such as **MICRON 22®** are non-porous coatings and may experience small pinhead blisters on a limited number of fiberglass boats. The bubbles are not the fault of 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 recommend that conventional **INTERLUX** antifouling paint be used.

