

PHOTO - REDUCED LABEL

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS**

**WARNING**

CAUSES EYE IRRITATION. HARMFUL IF 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 SWALLOWED OR INHALED. DO NOT BREATHE DUST, VAPOR OR SPRAY MIST. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

WHILE SPRAYING AND/OR SANDING BOAT SURFACE, WEAR A MASK OR A 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:** DRINK PROMPTLY A LARGE QUANTITY OF MILK, EGG WHITES, GELATIN SOLUTION, OR IF THESE ARE NOT AVAILABLE, DRINK LARGE QUANTITIES OF WATER. AVOID ALCOHOL. GET MEDICAL ATTENTION.

**IF IN EYES:** FLUSH 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 HAZARDS**

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.

**PHYSICAL OR CHEMICAL HAZARDS**

FLAMMABLE. KEEP AWAY FROM HEAT AND OPEN FLAME.

EPA EST. NO. 11350 - LA - 1  
EPA REG. NO. 11350 -



**SIGMA**

**SIGN TO PROTECT YOUR INVESTMENT**

**5293**

**SIGMA  
PILOT ANTIFOULING TIN FREE**

ACTIVE INGREDIENTS, CUPROUS OXIDE .....	38.4%
INERT INGREDIENTS .....	61.6%
	100.0%

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**FOR COMMERCIAL USE ONLY**

**SIGMA COATINGS 3300 RIVER ROAD HARVEY, LA 70059**  
A DIVISION OF FINA OIL AND CHEMICAL COMPANY

**DIRECTIONS FOR USE**

Refer to Sigma's Technical Data Sheet on 5293 Sigma Pilot Antifouling Tin Free for complete directions before using.

**GENERAL DIRECTIONS:** For use on metal and fiberglass boat hulls to control barnacle growth in fresh and salt water. Do not apply below 36 degrees F unless care is taken to insure absence of frost or ice. Surfaces to be painted shall be free of dirt, oil, grease and other surface contaminants. Apply in accordance with Sigma's directions or specifications given in the Technical Data Sheet for 5293. For Steel surfaces, apply only over recommended primers as recommended in the Technical Data Sheet. For Fiberglass surfaces, use only the primer recommended in the Technical Data Sheet.

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

FOR USE IN COMMERCIAL OR GOVERNMENT SHIPYARDS ONLY.

**STORAGE AND DISPOSAL**

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

**PESTICIDE DISPOSAL**

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or residue is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL**

**METAL CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other approved State and Local procedures.

**NET CONTENTS: 5 U.S. GALLONS**

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

1. Submit/cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all data to be submitted to support registration.

2. Make the labeling of the product conform to the requirements of the Act.

egg white, or gelatin solution.

Drink or eat a large quantity of

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☒ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

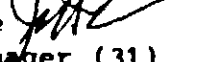
- c. Please make all the necessary changes to your label according to the Label Improvement Program Notice enclosed.

3. Submit acceptable prototype specifications and materials for a certification and training program for the use/disposal and removal of TBT antifouling paints and paint wastes within 180 days from the date of your application to amend this registration. Your application was dated December 11, 1989. The prototype specification and materials must be submitted by January 11, 1991. The minimum elements to be addressed in the certification and training program are identified in the Agency's Notice at 53 FR 39038.

4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

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

John H. Lee   
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosures

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Revised 1-20-88

## RULES

KL-990s

Anti-Fouling Coating

XL-48™ High Performance Copolymer

KL-81 BLUE

ONE U.S. GALLON  
(3.79 LITERS)

## ACTIVE INGREDIENTS

Cuprous Oxide 34.9%

Tributyltin Methacrylate 10.3

(As part of a polymer)

INERT INGREDIENTS 54.8%

Total 100.0%

Contains Petroleum Distillates.

DANGER

Keep out of reach of children.

See back panel for additional precautionary statements.

XL-48 is a high performance, copper reinforced, copolymer antifouling coating.

Toxin levels and surface polishing rates are balanced to provide the maximum protection available for high speed and performance hulls, racing sail boats and vessels that will be in high fouling waters for prolonged periods.

~~XL-48 can be scrubbed and hauled to a new finish and it can be hauled~~  
repeatedly and left out of the water for prolonged periods on boats that are trailered, dry stored or hauled for the winter. As long as there is color, the boat is protected.

XL-48 self polishes with use, sluffing off spent paint and fouling organisms before they can attach themselves. It will not build up and does not need to be removed before repainting.

## Directions for Use:

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

## New Fiberglass:

Thoroughly clean all new fiberglass with copious amounts of Hi Solvency Thinner & Cleaner, or similar solvent, blotting off the excess with clean rags. Sand with 80 grit paper then seal with two coats of K-180 or K-181 Epoxy Primer, to reduce the risk of gel coat blisters. Sand with 80 grit paper between primer coats and before applying XL-48, to insure intercoat adhesion.

ACCEPTED  
with COMMENTS  
EPA Letter Dated

JUL 24 1990

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
is recorded for the purpose of  
registration under EPA Reg. Co.  
7995-54

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### Previously Painted Surfaces:

Soft bottom paints and old, cracked, damaged or peeling coatings should be completely removed, before repainting.

Hard bottom paints and copolymers should be checked for compatibility then thoroughly sanded with 80 grit sand paper and scrubbed clean, before repainting.

KL-48 contains high levels of copper protection and should not be used on metal boats or aluminum outdrives.

### Application Information:

Mix thoroughly. Allow to dry overnight between coats and before launching. At least two coats are recommended. Apply by spray, short-nap roller or brush. Use Hi-Solvency Thinner & Cleaner for thinning and cleaning equipment. Recommended application temperature is 65°-85°F. Application at temperatures below 60°F will unduly extend cure time. Average coverage is 250 sq. ft./gal.

### Maintenance:

Physical damage, fuel spills and pollution can reduce the effectiveness of anti fouling coatings, therefore, it is recommended that the bottom be checked periodically. Regular use of the vessel or light scrubbing with soft material will help maintain a clean bottom.

### Storage and Disposal:

Do not contaminate water, food or feed by storage or disposal. Store antifouling coatings in their original tightly sealed containers.

### Pesticide Disposal:

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### Container Disposal:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary land fill, or by other procedures approved by state and local authorities.

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