

ACCEPTED

with comments  
DEC 14 1982

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 2147-8

Steelcote

MASTER MARINER  
STEELAST  
ANTIFOULING RED

Active Ingredient: Cuprous Oxide 70.0%  
Inert Ingredients: 30.0%  
100.0%

65.8%

Precautionary Statements  
Hazards to Humans  
& Domestic Animals

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 vapor or spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

While spraying paint or sanding boat surface, wear a respirator, only approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health.

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

Do not use or store near heat or open flame.

This Product Contains Petroleum Distillates

Keep Out of Reach of Children

WARNING

If swallowed: Drink promptly a large quantity of milk, egg whites, or plain soft drink. If these are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

If in eyes: Flush with plenty of soap and 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.

See Side Panels For Additional Precautionary Statements

Mfg. By: STEELCOTE MANUFACTURING CO.

St. Louis, MO 63103

EPA Establishment No.: 2147-MO-01

EPA Registration No.: 2147-8

NET CONTENTS: ONE GALLON U.S. STANDARD MEASURE 3.785 LITERS

# STEELCOTE MASTER MARINER STEELAST ANTIFOULING RED

## DIRECTIONS FOR USE

Steelast Anti-fouling Coating controls the growth of hulls from the attack of barnacles of Bryozoa (moss like) Hydroids ( jellyfish like with bone) and Tunicates (jellyfish like). The ability of serpaids to build shells directly over a copper alloy surface gives strong indication that the toxic properties of copper-base alloys are not due to a substance released into the water itself. The film loses and retains fouling resistance as the coating film is scoughed off attached serpaids. The success of this formula is due to this controlled rate of scough off.

Steelast is most successfully used in salt and brackish waters although the scoughing effect allows for easy removal of some deposits in fresh water as well, by rinsing off with water and scrubbing lightly while the hull is still wet. In the water cleaning may be easily accomplished using plastic scrubbing pads with extensions on handles on smaller vessels.

Steelast Anti-fouling may be applied to metal, fiberglass, or wood hulls. Steelast Anti-fouling may be applied in the same manner as other Navy specification Anti-fouling Vinyis using Navy Specification primers designated in their specifications.

For civilian applications, preferred primer and intermediate coats are as follows:

Steel Hulls—Sandblast per SSPC SP-10 Near White or better surface condition. Follow before "rust back" can occur with Steelcote Epo-Lux 100 E-14 Zinc Rich primer applying two coats. An intermediate coat of Epo-Lux 150 Hi-Build is then applied followed by two coats of Steelast Anti-fouling Coating. Write for detailed specifications for painting steel, aluminum, or concrete hulls.

Fiberglass (unpainted)—Sand surface to dull gloss, detergent wash, rinse and allow to dry. Apply first coat over clean fiberglass of Steelcote Epo-Lux 100 E-25 primer per label instructions. Follow after overnight dry with two coats Steelast Anti-fouling.

Fiberglass (Previously Painted)—Use same process as for unpainted fiberglass except use Steelcote Speedepoxy. The coat prior to application of Anti-fouling finish coats unless previous Anti-fouling is tight and of vinyl composition, then the coat may be eliminated.

Wood (New Surface)—Sand surface and remove dust. Apply one coat Steelcote Epo-Lux 100 E-5 Clear to "saturate" wood surface. Follow after overnight dry or until fingernail hard with Steelcote Epo-Lux 100 E-25 Primer. Allow overnight dry and apply two coats Steelast Anti-fouling Paint.

Wood (Previously Painted)—Use same procedure as for previously painted fiberglass.

General Application Instructions:

1. Stir thoroughly before use.
2. For spray, no thinning is required, but where thinning is necessary, use normal butyl acetate or Steelcote T-185. For brush or roller application, use Steelcote SSR-6 Retarder thinner, adding as required before and during application. Use 1/2 nap molar roller. Follow up by do not try to brush out. Dries tack free in 15 minutes, hard in 45 minutes, allow three hours or more between coats. Touching within three hours after final coat is desirable for best results, but not required. Application over Steelcote Speedepoxy, Epo-Lux 100 or Epo-Lux 150 Hi-Build primers is recommended, not over bare surfaces or dissimilar metals without barrier coat or coats. Hold coverage to 200 square feet per gallon.

### Directions For Use

**Special Instructions:** Normally no thinning required but where thinning is necessary, use normal butyl acetate.

**NOTE:** The volatile content of this container is not photochemically reactive as defined by Rule 102 of the South Coast Air Quality Management District.

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

### Storage and Disposal

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

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.

**LIMITED WARRANTY:** In lieu of all other warranties or guarantees, express or implied, by contract or law, manufacturer's liability is hereby limited to replacement of the merchandise herein if found to be defective upon inspection by the Manufacturer. Manufacturer shall not be liable for any verbal claims or recommendations for use of this product made by any of its agents, representatives or employees that differ from those on the label. (C.S.)

UIC 1-111

Dwayne J. Meyer  
Steelcote Manufacturing Company  
3418 Gratiot Street  
St. Louis, MO 63103

Dear Mr. Meyer:

Subject: Antifoulant Label Improvement Program  
Steelcote Master Mariner Steelast  
Antifouling Red  
EPA Registration No. 2147-8  
Your Submission of November 29, 1982

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. According to your Confidential Statement of Formula (CSF), the maximum cuprous oxide that can be declared on the label is 65.8%.
  - b. Submit five (5) copies of your final printed labeling before you release the product for shipment.
  - c. Have your supplier of Aerosil R-972 submit its chemical composition to the Agency referencing your product name and EPA Registration Number.
  - d. We agree that the inert ingredient on the CSF should read

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

The amended formulation and labeling supersede previously accepted ones.

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

Sincerely yours,

*JWS*  
for Richard F. Mountfort  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (TS-767)

Enclosure

TS-767:Mountfort:DCR-04173:WANG-1583C:hk:Raven:479-2013:12/13/82