

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 26 1997

Flexabar  
1969 Rutgers University Boulevard  
Lakewood, N.J. 08701

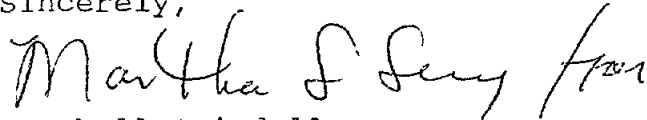
Attention: Hamdi A. Latif  
Technical Director

Subject: Flexgard XI Waterbase Preservative Copper Paint  
EPA Registration No. 9339-19  
Letter Dated August 29, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to make reference on the bulletin to include instructions for the treatment of "Aquaculture Fish Net Coating", is acceptable.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell  
Acting Product Manager 33  
Regulatory Management Branch 1.  
Antimicrobial Division (7510W)

CONCURRENCES

| SYMBOL  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|
| SURNAME |  |  |  |  |  |  |  |
| DATE    |  |  |  |  |  |  |  |

**PRECAUTIONARY STATEMENTS,  
HAZARDS TO HUMANS  
(& DOMESTIC ANIMALS)  
• 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 vapor or spray mist while spraying paint or sanding boat surface. Wear mask or 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.

**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

**DIRECTIONS FOR USE**

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

**STORAGE & DISPOSAL**

**Storage**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store in cool dry area away from heat or open flame.

**Pesticide Disposal**

Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures

**Container Disposal**

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



**FLEXGARD X**  
ABLATIVE ACTION  
**Waterbase Preservative**  
**Copper Paint**

**ACTIVE INGREDIENT:**

Cuprous oxide ..... 26.37%

**INERT INGREDIENTS:** ..... 73.63%

(Copper as metallic 22.68%)

**TOTAL ....100%**

ACCEPTED

SEP 26 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 9339-19

**DIRECTIONS FOR USE**

This is a cuprous oxide pigmented coating, formulated especially to prevent the attachment of both plant and animal fouling on vessels immersed in both seawater and "brackish" water.

This coating requires no primer when used directly over fiberglass or wood. For optimum performance, two (2) coats are recommended. The theoretical coverage of this product is at least 400 square feet per gallon, when applied to the recommended dry film thickness.

To prepare the surface for coating remove all old coating and fouling residue by either washing with high pressure water, scraping or by disc sanding. Be sure to use the proper protective equipment to prevent inhalation or ingestion of the paint dust generated.

A clean dry surface, free of scale, corrosion, dirt, grease, oil, marine fouling, or other foreign matter will provide the optimum performance of this coating, when used for either complete coating or for touch-up. Inadequate surface preparation will result in unsatisfactory performance. Be sure to remove all dust, debris and other surface contaminations that are generated by the cleaning process prior to painting.

Mix the coating with either a high speed mixer, or a paint shaker for minimum of five (5) minutes to insure complete pigment reincorporation. Thin in the event that the coating is too thick to apply easily. Thin with water. Clean up with water when finished.

Apply by either brush, roller or spray. Be sure to follow mixing instructions and apply the correct thickness. Allow a minimum of four (4) hours between coats and a minimum of twenty-four (24) hours before undocking vessel.

**Keep Out of Reach of Children**

**• WARNING •**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Drink promptly a large quantity of water. Do not induce vomiting. Call a physician immediately.

**IF INHALED:** Remove victim to fresh air, if not breathing, give artificial respiration, preferably mouth-to-mouth. Get Medical Attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get Medical Attention.

**IF IN EYES:** Flush with plenty of water. Get Medical Attention.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**Net Contents**

**EPA Registration No. 9339-19**

**EPA Est. No. 9339 NJO1**

Manufactured by

**FLEXABAR CORPORATION**

1969 Rutgers University Blvd.

Lakewood, NJ 08701

**REFER TO BULLETIN NO. 118**

Directions for use for nylon aquaculture nets

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1969 RUTGERS UNIVERSITY BOULEVARD, LAKEWOOD, N.J. 08701  
TELEPHONE • 908-901-6500 FAX • 908-901-6504

**BULLETIN NO. 118**  
January 1, 1996

## **FLEXGARD XI**

### **GUIDELINES FOR USERS OF ANTIFOULING COATINGS FOR AQUACULTURE NETS**

#### **WHERE TO APPLY ANTIFOULING PAINT**

Treatment of nets should be restricted to allocated areas away from the aquatic environment. Ideally, this should be at an approved site well removed from sensitive fisheries habitat, shellfish harvesting or fish farming areas, or shallow estuaries.

#### **RECOMMENDED PRACTICE FOR CLEANING AND APPLYING ANTIFOULING PAINT**

Avoid as much as possible the removal of antifouling paint when cleaning and washing down the nets. Use high-pressure hoses with caution. Excessive water pressure can result in washoff of undesirable amounts of antifouling paint which may eventually reach marine waters via contaminated stormwater runoff.

Spread a tarpaulin or polyethylene sheet underneath the net to collect solid debris. Dispose of this material properly. See the section on disposal on the product label.

#### **APPLICATION OF ANTIFOULING PAINT**

New antifouling paint is fully active; do not allow any liquid paint to enter the marine environment.

Always apply antifouling paint as directed on the instructions provided on the product label.

Clean up spillage immediately and correctly, dispose of contaminated materials. Never allow contaminated runoff to enter an estuary or harbor.

Never wash out brushes, containers, or protective clothing in the ocean, estuaries, or in fresh water courses.

Never leave antifoulant product containers, equipment or clothing in areas where they may accidentally enter the water.

**DISPOSAL OF ANTIFOULING WASTE**

Empty product containers, contaminated equipment and rags should be placed in a strong plastic bag and taken to special waste storage facilities for disposal.

All scrapings, used containers, and contaminated refuse should be collected, bagged, and deposited in designated containers identified as special (toxic) waste to be removed and disposed of in compliance with Special Waste Regulation requirements.

**TO SUMMARIZE:**

**STICK TO THE GOLDEN RULE:**

Application: Choose a suitable place to apply antifoulants to avoid spillage or runoff into sensitive marine waters or estuaries.

Runoff: Do not allow antifouling paint to run off into the water.

Waste Debris: Remove all waste such as empty product containers, brushes, scrapings, to proper collection and disposal areas.

**DIRECTIONS FOR USE  
FOR COMMERCIAL USE ONLY**

**DIRECTIONS FOR USE FOR NYLON AQUACULTURE NETS ONLY**

Flexgard XI Ready for use. Flexgard XI Waterbase Preservative is intended for outdoor use only. An antifoulant, protects against fungal growth, algae and marine fouling organisms on above waterline and submerged Flexgard XI coated surfaces such as buoys, nylon fishnets and ropes.

1. The surface should be cleaned and dry before application.
2. Stir contents of container before each use.
3. Apply liberally by brush or dipping. Thoroughly cover cut ends and joints.
4. If applied by brush, use two coats.
5. Repeat applications on textiles such as nylon nets, cord, rope, if or when mildew appears.
6. If applied by dipping, allow article to remain in solution a minimum of 15 minutes.
7. Allow 6 - 8 hours drying time between coats.
8. Allow minimum 72 hours air drying before use.
9. Clean tools, protective gloves and clothing with water when finished.
10. Do not apply at or below freezing temperatures.

COVERAGE: Estimated coverage for this product depending on application.