



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Program  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

10250-52

AUG 27 2003

Term of Issuance: Expiration  
Date 01/15/04

Name of Pesticide Product:

Hempel's Antifouling  
Combic

NOTICE OF PESTICIDE:  
  X   Registration  
       Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Hempel Coating (USA), Inc.  
6901 Cavalcade  
Houston, TX 77028

**Note:** Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency request all registrants of similar product to submit such data; and submit acceptable response required for reregistration of your product under FIFRA section 4.

This product was first granted a time limited registration subject to our completion of an environmental risk assessment. We have completed our risk assessment and find we have concerns regarding the potential for Irgarol to impact aquatic plants, especially seagrass beds which are important as a nursery area and habitat for higher order species. We are concern that Irgarol is showing a trend to be an environmental problem. In order to allow you time to address our concerns we are extending this time limited registration to January 15, 2004. You were provided a copy of our risk assessment with a letter dated August 20, 2003.

Signature of Approving Official:

Marshall Swindell,  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Date:

AUG 27 2003

2. Revise the First Aid statements to read:

"FIRST AID

IF SWALLOWED: Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a Poison Control Center or doctor for treatment advice.

IF ON SKIN AND CLOTHING: Take off contaminated clothing. Rinse skin immediately plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or and ambulance, give artificial respiration preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

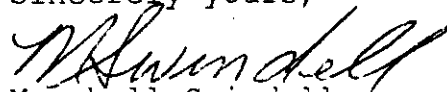
In case of emergency all (insert toll-free emergency number) Have the product container or label with you when call a Poison Control Center or doctor or going in for treatment

3. This conditional registration will expire automatically on January 15, 2004. If you fail to satisfy the conditions imposed in the registration, EPA may issue a Notice To Cancel under Section 6(e) of FIFRA.

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.

Sincerely yours,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Enclosure

# HEMPEL'S ANTIFOULING COMBIC

3/5

## 71990-19990 BLACK

ACTIVE INGREDIENT	WEIGHT PERCENT
CUPROUS OXIDE	39.75
N-CYCLOPROPYL-N'-(1,1-DIMETHYLETHYL)-6-(METHYLTHIO)- 1,3,5-TRIAZINE-2,4-DIAMINE	2.51
INERT INGREDIENTS	57.75
-----	
TOTAL METALLIC COPPER 35.96% BY WEIGHT	100.00
CONTAINS PETROLEUM DISTILLATES	

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**PRACTICAL TREATMENT**

**IF SWALLOWED:** Drink promptly a large quantity of milk, egg whites, gelatin solution or, if those are not available, drink large quantities of water. Avoid alcohol. Get medical attention.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**IF IN EYES:** Flush with plenty of water. Get medical attention immediately.

**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 PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS \* \* \* \*

FOR USE IN COMMERCIAL OR NAVY SHIPYARDS ONLY. NOT FOR SALE TO  
USE OR STORAGE BY PRIVATE APPLICATORS OR MARINA PERSONNEL.

MADE IN U. S. A AND SOLD BY

**HEMPEL COATINGS (USA), INC.**  
6901 Cavalcade, Houston, TX 77028

ESTABLISHMENT NO. 10250 TX

EPA REGISTRATION NO. -----

NET CONTENTS: 5 U. S. GALLONS

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 27 2009

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

10250-42

# PRELIMINARY STATEMENTS

4/5

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION** Harmful if swallowed or inhaled. Avoid breathing vapor, mist, or chips during painting or sanding. Avoid contact with skin, eyes or clothing. Wear goggles, or face shield, rubber gloves, and other protective clothing such as long sleeved shirt, long pants, and hat. Use with adequate ventilation. While spraying paint or sanding boat surface, wear a respirator jointly approved by the Mining Enforcement and Safety Administration and National Institute for Occupational Safety and Health.

### ENVIRONMENTAL HAZARDS

This material is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Do not allow chips and dust generated during paint removal to enter water. Dispose of paint debris in an approved landfill.

**PHYSICAL CHEMICAL HAZARDS: FLAMMABLE LIQUID AND VAPOR**  
Keep container closed. Use with adequate ventilation. Store in cool dry place away from heat, sunlight and open flame.

This labeling must be in the possession of the user at the time of pesticide application. While all HEMPEL products are developed and manufactured with the utmost care, we offer these products with the express understanding that the user will determine the suitability for his intended use and assume all risk and liability in connection therewith. If the product is used other than directed hereon we expressly disclaim any responsibility for its use, handling, storage, result obtained, injury or indirect or consequential damages of any nature whatsoever however caused.

HEMPEL'S only obligation shall be to replace such quantity of product proved to be defective.

THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE FOR THIS PRODUCT.

ACCEPTED  
with COMMENTS  
in EPA Letter 8-1-83

AUG 27 2003

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

10250-52

BATCH NO. : UH-TRIAL

5/5

HEMPEL'S ANTIFOULING 71990 is an advanced antifouling paint containing cuprous oxide and an organic bioactive material for prevention of sessile marine fouling organisms. Recommended for underwater surfaces of steel vessels operated in all coastal and oceanic waters where tin paints are not suitable.

#### DIRECTIONS FOR USE

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

**APPLICATION INSTRUCTIONS:** Stir thoroughly and apply to a clean dry surface with a temperature above the dew point. Apply over HEMPATEX 4633 or according to specifications. Film thickness and number of coats depend upon hull condition, trading pattern, and extended service life. Allow at least 10 hours dry time between coats of ANTIFOULING 71990 at 20C/68F. Drying time is proportionally longer at lower temperatures. If thinning is required for brush, roller, conventional spray or airless application, use HEMPEL'S THINNER No. 0808. Equipment should be promptly cleaned with THINNER 0808 after use. The ship may be floated when final coat of paint is dry for 12 hours. Prolonged exposure to the atmosphere may affect the properties of HEMPEL'S ANTIFOULING 71990.

## 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 rinsate is a violation of Federal Law. If these wastes cannot be disposed of by using label instructions contact your State pesticide or environmental control agency, or hazardous waste representative at the nearest EPA regional office.

### CONTAINER DISPOSAL

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.

### GENERAL

Consult Federal, State, or Local disposal authorities for approved alternative procedures

ACQ 1000  
with COMMENTS  
in EPA Notes Database

AUG 27 2003

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

10250-52