

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 390-73	DATE OF ISSUANCE 14 FEB 1986
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT Hard Horizons Antifouling 1685 Red	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code)	
Pettit Paint Co., Inc. 36 Pine Street P.O. Box 378 Borough of Rockaway, NJ 07866		
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. This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you: 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 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: a. Add the phrase "EPA Registration No. 390-73." b. Replace the "Environmental Hazard" paragraph with the below currently acceptable paragraph: 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. 3. 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.		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

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)
Disinfectants Branch
Registration Division (TS-767C)

Enclosures

14 FEB 1986

Pettit Paint Co., Inc.
16 Pine Street
P.O. Box 378
Borough of Rockaway, NJ 07866

Attention: Mr. C.J. Meyers

Gentlemen:

Subject: Hard Horizons Antifouling 1685 Red
EPA File Symbol 390-TG
Your Submission Dated October 31, 1985
EPA Received Date: November 4, 1985

For your information (and for accuracy of record purposes):

1. The below Accession Numbers (Data) are accessioned under Registrations Numbered 390-71, -73 (see also our letter of June 12, 1985).

<u>Study</u>	<u>Accession Numbers</u>
Dermal Sensitization A680H <u>Red</u> (January 2, 1985)	257444
Eye, Skin Irritation Oral, Dermal LD ₅₀ <u>Black</u> (August 21, 1982)	257445
Dermal Sensitization A380H <u>Green</u> (January 2, 1985)	257443
Eye, Skin Irritation Oral, Dermal LD ₅₀ (August 21, 1982)	257446

86126:Lee:CBI-04:KENCO:1/31/86:2/11/86:Kim:VO

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

2. Accession Numbers: 257442, 256777, and 260972 contain identical data on can stability, corrosion, and odor.

Sincerely yours,



John H. Lee
Product Manager (31)
Disinfectant Branch
Registration Division (TS-767C)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

KEEP OUT OF REACH OF CHILDREN.
Use only with adequate ventilation.
CORROSIVE: Causes severe skin and eye damage. Do not get on skin, clothing or in eyes. Wear a face shield and rubber gloves when handling. Use in a well ventilated area. Harmful if swallowed or inhaled. Do not breathe vapors or spray mist.

PRACTICAL TREATMENT: In case of skin contact remove contaminated clothing and immediately wash skin with soap and water. Get medical attention. Wash contaminated clothing before reuse. If inhaled remove to fresh air. Use artificial respiration if breathing has stopped. Get immediate medical attention. If swallowed do not induce vomiting. This product contains petroleum distillates. Get immediate medical attention. If in eyes, flush eyes with water. Get medical attention.

ENVIRONMENTAL HAZARD

This product is toxic to fish and wildlife. Do not contaminate water by cleaning equipment or disposal of waste. Do not apply directly to water.

PHYSICAL OR CHEMICAL HAZARD

COMBUSTIBLE! Do not use or store near heat or flame.

(continued on right hand panel)

PETTIT

marine paint

HARD HORIZONS
ANTIFOULING

MULTI-SEASONAL PROTECTION
FOR TROPICAL WATERS AND
HIGH PERFORMANCE BOATS

1685
RED

KEEP OUT OF
REACH OF CHILDREN.

DANGER.

SEE SIDE PANEL FOR
ADDITIONAL PRECAUTIONARY
STATEMENTS.

ACTIVE INGREDIENTS	
Cuprous Oxide	27.7
Tributyltin Methacrylate (as part of a polymer)	13.8
INERT INGREDIENTS	58.5
TOTAL TIN CONTENT	100.0
This product contains petroleum distillates.	

1 QUART 946 mL

PETTIT PAINT CO. INC.

(continued from left hand panel)

DIRECTIONS FOR USE

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

NOTE — When product is used in confined areas or applied by spraying, wear a respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR 11.

GENERAL DESCRIPTION

HARD HORIZONS is an anti-fouling protective coating resistant to algae, barnacles and other marine fouling.

STORAGE & 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 landfill, or by other procedures approved by state and local authorities.

E.P.A. REG. NO. 390-
E.P.A. EST. NO. 90-NJ

PETTIT
Paint

HARD HORIZONS

MULTI-SEASONAL PROTECTION
FOR TROPICAL WATERS AND
HIGH PERFORMANCE BOATS

1685
RED

ACTIVE INGREDIENTS	
Cuprous Oxide	27.7
Tributyltin Methacrylate (as part of a polymer)	13.5
INERT INGREDIENTS	
	58.8
TOTAL TIN CONTENT	
	1000%
This product contains petroleum distillates.	

1 QUART 946 mL

PETTIT PAINT CO., INC.

(continued from left hand panel)

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EPA REG. NO. 390-
EPA EST. NO. 90-NJ-1

ACCEPTED

FILED

as authorized pesticide
registered under EPA Reg. No.
390-73

PETTIT PAINT COMPANY, INC.
BOROUGH OF ROCKAWAY, N. J. 07866 — SPRING VALLEY, CA. 92077

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repainting. While both formulations afford the same high caliber protection, the original HORIZONS dries to a semi-hard finish for cruising boats in moderate to cool waters. HARD HORIZONS renders a harder, abrasion resistant finish with a slower rate of ablation, recommended for warmer, tropical waters or on performance hulls such as fast powerboats, racing sailboats and sportfishermen; also ideal on trailerable boats. Both coatings can be applied over existing, hard bottom paints.

PREPARATION OF SURFACE: The surface to be painted must be dry, clean and oil free. Always properly prepare by solvent cleaning and/or sanding before any primers or paints are applied. Follow the recommended systems below. When sanding old antifouling paint, use a proper face mask to prevent the inhalation of sanding dust. Old, soft bottom paint must be completely removed before applying Horizons.

COVERAGE, APPLICATION AND TEMPERATURE: Horizons can be applied by brush, roller or spray. The work should be done between 9:00 A.M. and 4:00 P.M. under good drying conditions. The temperature range of application is between 55 degrees and 90 degrees. At least two and preferably three or four coats should be applied for best performance. Extra coats of Horizons should be applied to high wear areas and the waterline. Horizons covers approximately 400 square feet per gallon.

PREPARATION OF PAINT: Horizons contains cuprous oxide. As a result, there is a tendency for settling to occur especially if the paint has been on the shelf several months. It is necessary to thoroughly mix the paint before using. If possible, shake the can of paint on a mechanical paint shaker. Before using, check the sides and bottom of the can to make sure all the pigment has been mixed in. If mixing is going to be done with a wooden paddle or electric drill mixer, pour off half the liquid from the top of the can and then properly mix in any settled pigment; then remix the two parts together thoroughly.

THINNER: Use Pettit's 12120 Brushing Thinner for thinning Horizons on a warm or windy day and for cleaning up equipment. Do not over-thin Horizons; otherwise, inadequate film thickness will result.

DRY TIMES: Let each coat of Horizons dry four hours minimum before applying the next coat. Under adverse conditions allow an overnight dry to make sure all solvent has evaporated from the paint film. After the final coat is applied, let the paint dry at least eight hours or, preferably, overnight before

launching the boat.

MAINTENANCE OF ANTIFOULING PAINT: No antifouling paint can be effective under all conditions of exposure. Pollution, stray current, silt and natural occurrences can adversely affect antifouling paint performance. Therefore, we strongly suggest that the bottom of the boat be checked periodically to make sure it is clean. When hauled, lightly wash Horizons with low pressure water and a soft cloth to remove dirt and salt deposits.

PAINT SYSTEMS

FIBERGLASS: Wash the fiberglass with Pettit's 12120 Brushing Thinner or 15095 Dewaxer to remove parting agents, grease and dirt. Sand thoroughly with 80 grit sandpaper to a dull, frosty finish. Rewash the sanded surface and then apply at least two coats of Horizons. To paint old, hard antifouling paint, lightly sand the painted surface before applying Horizons. Do not use Horizons over Skipsand Primer.

BLISTERED GELCOAT: Remove all antifouling paint by sanding or using Pettit's 9030 Fiberglass Paint & Varnish Remover. Sand the entire gelcoat and fill any voids with Pettit's 7190 Polyester Mender; sand repaired areas smooth. Apply a complete coat of Pettit's 4169/4027 Polyoxo Undercoater. Let dry 24 hours minimum, sand thoroughly with 80 grit sandpaper and then apply Horizons antifouling paint.

WOODEN HULLS: Old, hard antifouling paint should be thoroughly sanded. If priming is necessary on bare wood spots, apply a touch up coat of Horizons to these areas. Then apply the subsequent coats of Horizons antifouling paint.

STEEL HULLS AND UNDERWATER METAL PARTS: To remove old rust and scale from the metal surface, scrape, sandblast or wire brush. Wash the surface with Pettit's 12120 Brushing Thinner to remove grease and dirt. Apply one coat of Pettit's 6455/044 Metal Primer to the bare metal and let dry four hours. Follow with one coat of Pettit's 4169/4027 Polyoxo Undercoater and let dry 24 hours. Then sand the surface thoroughly with 80 grit sandpaper and apply Horizons antifouling paint.

DO NOT USE THIS PRODUCT ON ALUMINUM HULLS AND OUTDRIVES.

RECEIVED
FEB 14 1973

FEB 14 1973

Under
Fungicide
as amended, for use as a
registered under EPA Reg. No.

370-73