



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

**EPA Reg. Number:**

60061-142

**Date of Issuance:**

11/10/2014

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

**Term of Issuance:**

Conditional

**Name of Pesticide Product:**

Pettit Neptune 5 Hard Hybrid  
 Ablative Antifouling Paint

**Name and Address of Registrant (include ZIP Code):**

Kop-Coat, Inc.  
 3020 William Pitt Way  
 Pittsburgh, PA 15238

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 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 her/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). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

**Signature of Approving Official:**

Seiichi Murasaki, Acting Product Manager 33

**Date:**

11/10/2014

2. You are required to comply with the DCI identified below:
  - a. GDCI-025601-1257, issued on January 16, 2013 (A copy of the DCI is available at [regulations.gov](http://www.regulations.gov), Docket ID: EPA-HQ-OPP-2010-0212 <http://www.regulations.gov/#!docketDetail;D=EPA-HQ-OPP-2010-0212>).

You must comply with all of the data requirements within the deadlines established by the order. If you have questions about the Generic DCI listed above, you may contact the Team Leader for PM Team 36: [http://www.epa.gov/oppad001/contacts\\_ad.htm](http://www.epa.gov/oppad001/contacts_ad.htm)

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 60061-142.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF (1243 Blue) dated 10/30/2014
- Alternate CSF (1343 Green) dated 10/30/2014
- Alternate CSF (1843 Black) dated 10/30/2014
- Alternate CSF (1643 Red) dated 10/30/2014

If you have any questions, please contact me at (703) 347-0163 or [murasaki.seiichi@epa.gov](mailto:murasaki.seiichi@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'SEIICHI MURASAKI'.

Seiichi Murasaki  
Acting Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs



DISCLAIMER: The performance of any marine paint or coating depends on many factors outside the control of Pettit Paint Company, including surface preparation, proper application and environmental conditions. Therefore, Pettit Paint Company cannot guarantee this product's suitability for your particular purpose of application. Implied warranties of fitness for a particular purpose and of merchantability are excluded. Pettit Paint Company shall not under any circumstances be liable for incidental or consequential damages. By purchase or use of this product, buyer agrees that the sole and exclusive remedy, if any, is limited to the refund of the purchase price or replacement of the product at Pettit Paint's option.

# NEPTUNE 5

## HARD HYBRID ABLATIVE ANTIFOULING PAINT

- Uses Composite Copper Technology
- Easy Cleanup with soap and water
- Reduces Paint Buildup Through Controlled Erosion
- Excellent for Fiberglass, Inflatable Fabric, Wood & Steel Boats
- Hard, Durable Smooth Finish
- Apply over most other antifouling
- Economical Antifouling Protection
- Easy application and surface cleaning
- Smooth, Hard, Durable Polishing Finish
- Compatible over almost all bottom paints

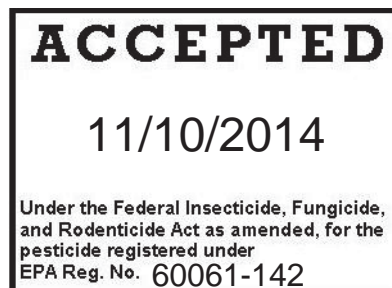
[1243 Blue, 1343 Green, 1643 Red, 1843 Black]

KEEP OUT OF REACH OF CHILDREN

### WARNING

**CAUSES EYE IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN. MAY BE FATAL IF SWALLOWED OR INHALED.**  
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NET CONTENTS  
1 GAL. (128 FL. OZ.)  
3.785 LITERS



**ACTIVE INGREDIENT:**  
Cuprous Oxide\* (CAS# 1317-39-1) 25.25%

**INERT INGREDIENTS:** 74.75%  
TOTAL 100.00%

\*Metallic copper equivalent 22.42%

EPA EST. NO. 60061-NJ-2  
EPA REGISTRATION NO. 60061-XXX

KOP-COAT, INC.  
PETTIT PAINT BRAND  
ROCKAWAY, NJ 07866 An RPM Company

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

**WARNING:** Causes eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. May be fatal if swallowed or inhaled. Do not breathe vapors, spray mist or sanding dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Personal Protective Equipment (PPE):** Mixers, loaders, applicators and other handlers must wear the following: Protective eyewear, chemical resistant gloves such as Nitrile Rubber Gloves greater than 14 mils thick, long sleeved shirt, long pants and shoes plus socks.

While removing existing paint by sanding or blasting, or applying new antifoulants paint, commercial users must wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS**

Users should wash hands before eating drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

Wash the outside of gloves before removing.

**FIRST AID**

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-548-0489 for emergency medical treatment information.

**ENVIRONMENTAL HAZARDS**

This material is toxic to fish and aquatic invertebrates. 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. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans and other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact you State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS:** Use only with adequate ventilation during mixing, application and drying. Use absorbent clean-up material if spilled. For fires, blanket flames with foam, CO<sub>2</sub> or dry chemical. Wear MSHA/NIOSH certified breathing equipment.

**STORAGE & DISPOSAL**

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

**Pesticide Storage:** Store in a closed, properly labeled container in a cool place. Keep closures tight and upright to prevent leakage. Keep container closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

**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 Handling:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**DIRECTIONS FOR USE**

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

**Product Description:** This product's durable, hard hybrid surface resists build-up by slowly polishing, which constantly exposes a fresh surface for aggressive antifouling protection. The controlled erosion minimizes coating buildup and keeps underwater surfaces smooth and clean. This product may be applied on all boat substrates **except aluminum**. This product is for use in fresh, salt or brackish water on hulls and metal parts below the waterline and prevents the attachment of algae, annelids, barnacles, bryozoa, hydroids, mussels, tubeworms, tunicates and other fouling organisms. This paint is intended for use on recreational and commercial vessels of any size.

**Surface Preparation:** The surface to be painted should be dry, clean and free of any contaminants. It should be properly prepared by solvent cleaning and sanding before any primers or paints are applied. Follow the recommended systems below. When sanding old antifouling paint, always wear Personal Protective Equipment (PPE) as described above to prevent the inhalation of sanding dust.

**Mixing :** This product contains cuprous oxide. As a result, there is a tendency for settling to occur especially if the paint has been on the shelf for several months. It is necessary to thoroughly mix the paint before using. A mechanical paint shaker will do the fastest most thorough job of mixing. If mixing is to be done with a wooden paddle or electric drill mixer, pour off half of the liquid from the top of the can into another can and then properly mix in any settled pigment, then remix the two parts together thoroughly. Regardless of the mixing method, check the sides and bottom of the can before and during use to make sure all pigments and toxicants are thoroughly mixed.

**Application Temperatures:** 40°F and above.

**Application Method:** Brush, roller or spray. When brushing use a good quality synthetic (nylon) bristle brush. Flow the product on, and then brush it out. When rolling use a short nap roller. If spraying thin with water up to 10% if necessary. Otherwise thinning is not recommended.

**Thinner:** Thinning this product is not normally required. If thinning is necessary, use clean water only. Do not thin more than 10% by volume (12 ounces per gallon).

**Clean-Up:** Use clean water for cleaning equipment.

**Coverage:** This product covers approximately 500 square feet per gallon.

**Number of Coats:** For best antifouling protection at least two full coats of this product are recommended for the first years protection.

<b>Dry Times:</b>	To recoat	To launch
95°F	1½ hours	6 hours
75°F	3 hours	8 hours
60°F	6 hours	10 hours
40°F	24 hours	48 hours

The above dry times are minimums. This product may be recoated and launched after the minimum times shown. Dry times will vary with environmental conditions. If unsure of the dry time, it is safer to launch later rather than earlier. There is no maximum dry time before launching.

**VOC:** 150 grams/liter (1.25 lbs/gal) maximum.

**Maintenance Of Antifouling Paint:** No antifouling paint can be effective under all conditions of exposure. Man-made pollution and natural occurrences can adversely affect antifouling paint performance. Extreme hot and cold water temperatures, silt, dirt, oil, brackish water and even electrolysis can ruin an antifouling paint. Therefore, we strongly suggest that the bottom of the boat be checked regularly to make sure it is clean and that no growth is occurring. The self-cleaning nature of the coating is most effective when the boat is used periodically. Boats and vessels should not be scrubbed or cleaned for the first six months in the water and at intervals of not less than 3 months thereafter.

## SYSTEMS

The paint systems outlined below contain references to other Pettit products. Please read and understand the label and/or Technical Bulletin for these products as well to ensure that they are used properly. For further guidance, please contact your local Pettit salesman or Pettit Customer Service Department at (800) 221-4466 between the hours of 8:30 am and 4:30 pm EST.

**Compatibility:** This product may be applied over most hard antifouling coatings and over most copper-based ablative coatings.

**Previously Painted Surfaces:** If the previous coating is in good condition thoroughly sand with 80 grit paper and wipe clean with a rag dampened with Pettit 120 Brushing Thinner to remove sanding residue. Apply two coats of this product observing the proper dry times. If the previous coating is soft or in poor condition, remove to the bare surface by sanding or using paint and varnish remover. Proceed with the appropriate bare system as described below.

**Bare Fiberglass:** All bare fiberglass, regardless of age, must be thoroughly cleaned and de-waxed with Pettit Bio-Blue Hull Surface Prep 92 and clean abrasive scrubbing pads. Follow all directions for Bio-Blue carefully. Several cleanings may be necessary to ensure complete removal of contaminants. Apply two coats of this product observing the proper dry times.

**Bare Wood:** Sand the entire surface with 80 grit production paper and wipe clean with a rag dampened with 120 Brushing Thinner. A primer coat of Pettit 6627 Tie Coat Primer should be applied directly to bare wood. Allow to dry 4 hours, then apply two unthinned coats of this product per instructions.

**Steel Hulls, Underwater Metal Parts and Keels:** For steel hulls and metal keels, consult Pettit Technical Bulletin TB431 High Build Epoxy Primer for complete priming instructions or consult the Pettit Technical Department or your local Pettit representative. For underwater metal parts, consult Technical Bulletin TB112 Underwater Running Gear Painting Specification for complete priming and application details.

**Rubberized Fabric Surfaces:** Scrub the rubberized fabric surfaces with a bronze wool pad dipped in Pettit 97 Epoxy Thinner. Choose a small area on the surface to be painted and scrub the surface lightly but thoroughly, making sure the surface is completely wetted by the 97 Epoxy Thinner. Once all the fabric has been treated with the 97 Epoxy Thinner wipe up all residue and allow the fabric to dry for one hour. Once the surface has been properly prepared, apply a generous coat of this product. Allow the paint to dry to recoat and apply a full second coat. Consult the dry to recoat/dry to launch time-temperature chart above for specific recoat and launch times.

**NOTE:** All antifouling paints may leave a stain if left in contact with other objects. When the boat is pulled out of the water for storage on deck or on a dock, clothing, deck and dock surfaces coming in contact with the antifouling paint may experience staining if rubbed against the antifouling paint.

**All Other Substrates:** Please go to [www.pettipaint.com](http://www.pettipaint.com) and consult the product data sheet.

## DO NOT USE THIS PRODUCT ON ALUMINUM HULLS OR OUTDRIVES

**Warranty:** We guarantee this material to comply with our published specifications. Since the use of this material is beyond our control, we disclaim responsibility for its handling, use, storage, the results obtained or any injury or damage of any nature resulting therein.

**MEDICAL EMERGENCIES: 1-800-548-0489**

Made in U.S.A. P35-- GA.-03/14

**PRODUCT INFORMATION: 1-800-221-4466 or WWW.PETTIT PAINT.COM**