

60061-129

6/25/2014

1/4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

Kop-Coat, Inc.  
3020 William Pitt Way  
Pittsburgh, PA 15238  
Attn: Sandy Lea

JUN 25 2014

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Subject: Revised Label, Product Names, and Formulations  
Pettit Unepoxy 45 Hard Antifouling Paint (EPA Reg. No. 60061-129)  
Amendment Letter Dated May 9, 2014

The changes referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) are acceptable.

- Label Updates:
  - Storage and Disposal, Personal Protection, User Safety language, Environmental Hazard, and Directions for Use
  - Per revised May 2009 Copper RED Label Table
- Primary Product Name Change:
  - Pettit Unepoxy 45 Hard Antifouling Paint
- Addition of Alternate Brand Names:
  - Woolsey Defense Antifouling Finish
  - West Marine Bottom Shield Composite Copper Technology
- Removal of all other Alternate Brand Names

Additional label corrections may be needed pending submittal and review of your responses to the Copper RED.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic and Alternates (1322 Green, 1622 Red, and 1822 Black) – dated 06/02/2014

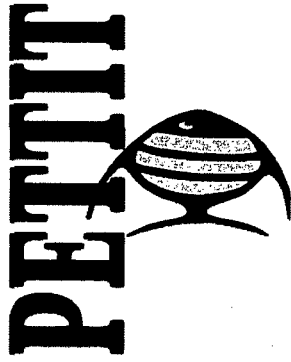
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you have any questions concerning this letter, please contact Seiichi Murasaki at [murasaki.seiichi@epa.gov](mailto:murasaki.seiichi@epa.gov) or (703) 347-0163.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Miederhoff".

Eric Miederhoff  
Acting Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)



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 or 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.

# Unepoxy 45

## HARD ANTIFOULING PAINT

- Utilizes Composite Copper Technology
- Economical Season Long Antifouling Protection
- Apply Over Most Other Antifouling Paint

[1822 Black, 1222 Blue, 1322 Green, 1622 Red]

KEEP OUT OF REACH OF CHILDREN

### WARNING

COMBUSTIBLE LIQUID AND VAPOR. VAPOR HARMFUL.

HARMFUL OR FATAL IF SWALLOWED.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

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

**ACCEPTED**  
 06/25/2014  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 60061-129

**ACTIVE INGREDIENTS:**  
 Cuprous Oxide\* (CAS# 1317-39-1) 28.86%

**INERT INGREDIENTS:**  
 Total 71.14%  
 100.00%

\*Metallic copper equivalent 25.63%

Contains petroleum distillates, xylene or xylene range aromatic solvents.

EPA EST. NO. 60061-NJ-2  
 EPA REGISTRATION NO. 60061-129

KOP-COAT, INC.  
 36 PINE STREET  
 ROCKAWAY, NJ 07866 An RPM Company

2/4

**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 antifouling 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.

<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 SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Do not give any liquid to the person.</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 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>
<b>HOT LINE NUMBER</b>	
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.	
<b>NOTE TO PHYSICIAN</b>	
Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	

**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 your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS: COMBUSTIBLE.** Do not use or store near heat or open flame. 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 1/4 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.

**NOTICE! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.**

**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 uses the latest developments in copper technology. Composite cuprous oxide contains the same level of copper by volume as traditional cuprous oxide but at a much lower weight and therefore less copper by weight is needed to make this hard protective antifouling coating resistant to algae, barnacles and other marine and freshwater fouling organisms. This product is for use only on boat bottoms. It may be applied over most aged hard antifouling coatings. Old soft antifouling paints should be removed for best adhesion. It may be applied on fiberglass boats with outboards or outdrives with no danger of electrolysis, provided the drive units are not coated themselves. This product is suitable for all non-aluminum trailered boats.

**Compatibility:** This product may be applied over most aged hard antifouling coatings. Old soft antifouling paints must be completely removed before applying this product. Old tin copolymers must be removed completely or sealed with Pettit 6627 Tie-Coat Primer before applying this product. 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.

**Mixing:** This product is heavily loaded with cuprous oxide. As a result of this loading 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. 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 an 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.

**Application Method:** Brush, roller or spray.

**Thinner:** Thinning this product is not normally required. If thinning is necessary, use Pettit 120 Brushing Thinner for a smoother finish on especially warm and breezy days. Use Pettit 121 Spraying Thinner for spray application. Do not thin more than 10% by volume (12 ounces per gallon), or inadequate paint film thickness may result in premature erosion of the finish. Use any of the above thinners for clean-up.

**Coverage:** This product will cover approximately 400 square feet per gallon when applied at 2 dry mils film thickness. **Number of Coats:** Two or three coats should be applied for best antifouling protection. Do not apply this product if rain or dew is expected before the surface has dried completely.

**Dry Times:**

To recoat	To launch
90°F	2 hours
70°F	4 hours
50°F	6 hours
	8 hours
	16 hours
	24 hours

The above dry times are minimums. This product may be recoated after the minimum times shown and launched up to 60 days after painting.

**VOC:** Less than 500 g/l as supplied

**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**

Mix paint thoroughly to ensure toxicants are evenly dispersed throughout the can. All surfaces must be clean, dry and properly prepared prior to painting.

**Previously Painted Surfaces:** If the previous coating is in good condition thoroughly sand with 80 grit paper then solvent clean 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. Old tin copolymer paints must be removed or may be sealed with Pettit 6627 Tie-Coat Primer before applying this product.

**Bare Fiberglass:** All bare fiberglass, regardless of age, must be thoroughly cleaned and de-waxed with Pettit 92 Bio-Blue Hull Surface Prep or de-waxed several times with Pettit D95 Dewaxer. Sand thoroughly with 80 grit sandpaper to a dull, frosty finish and rewash the sanded surface with 120 Brushing Thinner to remove sanding residue. Then apply two coats of this product, following application instructions.

To eliminate the sanding operation, two methods are available:

1. Clean and de-wax the surface as described above, apply one very thin coat of 6998 Skip-Sand Primer using 3/16" or less nap roller or brush apply. Consult the primer label for complete application and antifouling top-coating instructions. Then apply two coats of this product or
2. Clean, de-wax and etch the surface with 92 Bio-Blue Hull Surface Prep using a coarse Scotchbrite® pad in a swirling motion. Clean off all residue by rinsing or wiping off with fresh water. Apply one coat of Pettit Protect Epoxy Primer. Consult the primer labels for complete application and antifouling top-coating instructions. Then apply two coats of this product.

**Bare Wood:** Sand the entire surface with 80 grit paper and wipe clean with a rag dampened with 120 Brushing Thinner. Apply a coat of this product thinned 25% with 120 Brushing Thinner to penetrate and seal the wood. Fill any open seams with Pettit Seam Compound and allow to dry overnight. Apply two full coats of this product observing the proper dry times.

**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.

**All Other Substrates:** Please go to [www.pettitpaint.com](http://www.pettitpaint.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. GA.-9/13

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