

 **West Marine**[®]

STATE OF HAWAII
Department of Agriculture

ACCEPTED

LICENSE NO.

9734.109

BottomShield[®]

Antifouling Paint

**EASY APPLICATION & CLEAN-UP
TECHNOLOGY**

BLACK

Model 17144981

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.

ACTIVE INGREDIENT:
Cuprous oxide 25.25%

INERT INGREDIENTS
TOTAL 74.75%

COPPER AS METALLIC 100.00%
22.42%



This product contains petroleum distillates.

EPA EST. NO. 60061-NJ-2

EPA REGISTRATION NO. 60061-135

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

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 is a durable ablative antifouling coating designed to polish away at a controlled rate, constantly exposing a fresh surface for aggressive multi-season antifouling protection. The high loading of cuprous oxide in the formula enables the paint to perform well in even the most severe fouling areas. The controlled erosion minimizes coating buildup and keeps underwater surfaces smooth and clean. This product may be applied on fiberglass, inflatable fabric, wood and properly primed steel boats. This product is for use in fresh, salt or brackish water on hulls and underwater metal parts below the waterline. This paint is intended for use on recreational and commercial vessels of any size.

Compatibility: This product may be applied over most aged hard antifouling coatings and over most copper-based ablative coatings. Old soft antifouling paints must be completely removed before applying this product.
Mixing: This product is 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 Temperatures: 50°F and above.
Application Method: Brush, roller or spray.
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). Use clean water for cleaning up equipment.

Coverage: This product covers approximately 430 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. It is a good idea for the first coat to be painted in a different color from the top coats. As the topcoat wears away, the base color will start to show through, signaling that it will soon be time to haul and repaint.

Dry Times:

	To recoat	To launch
90°F	1½ hours	12 hours
70°F	3 hours	18 hours
50°F	6 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: Less than 150 g/L.

Maintenance of Antifouling Paint: No antifouling paint can be effective under all conditions of exposure. Man-made pollution and natural occurrences can adversely affect the antifouling paint performance. Extreme hot and cold 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. Lightly wipe the bottom with a soft cloth or sponge to remove anything from the antifouling paint surface. Wiping is particularly important with boats that are idle for extended periods of time. The self-cleaning nature of the coating is most effective when the boat is used periodically.

PAINT 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 a.m. and 4:30 p.m. EST.

Previously Painted Surfaces: If the previous coating is in good condition thoroughly sand with 80 grit production paper and wipe clean with a rag dampened with fresh water 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 a 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 dewaxed using Pettit Bio-Blue Hull Surface Prep 92 and clean abrasive scrubbing pads. Several cleanings may be necessary to ensure complete removal of contaminants. After the surface has been dewaxed, sand it thoroughly with 80 grit production paper and rewash the sanded surfaces with fresh water to remove all sanding residue. Apply two coats of this product observing the proper dry times. If sanding is prohibited, as with certain vinyl-ester gelcoats, or is otherwise impractical, make sure the surface has been completely and thoroughly dewaxed and cleaned with Pettit Hull Surface Prep 92. Then apply one thin continuous coat of Pettit 6698 Skip Sand Primer using a 3/16-inch nap roller. Topcoat with two coats of this product carefully following the topcoating instructions on the Skip Sand Primer label.

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.

DO NOT USE THIS PRODUCT ON ALUMINUM HULLS OR OUTDRIVES

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND 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 vapors, spray mist or sanding dust. While spraying and/or sanding boat surfaces, wear a NIOSH/NIOSH certified mask or respirator. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco or using the toilet.

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> • 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 eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
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.	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

ENVIRONMENTAL HAZARDS

This material is toxic to fish. Do not apply directly to water by cleaning of equipment or disposal of wastes or 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 or other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminating 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 local State Water Board or Regional Office of 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, CO2 or dry chemical.

PESTICIDE STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and 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: Nonrefillable 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.

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 therefrom.

Medical Emergencies: 1-800-548-0489

Product Information: 1-800-221-4466 or WWW.PETTITPAINT.COM

Made in U.S.A. 

NET CONTENTS
1 QT. (32 FL. OZ.)
.946 LITERS



PHX1334740 08.07.15

PHX MAC #1334744 10/09/15 BLACK RED BLUE

West Marine

STATE OF HAWAII
Department of Agriculture

ACCEPTED

LICENSE NO.

9734.109

BottomShield

Antifouling Paint

**EASY APPLICATION & CLEAN-UP
TECHNOLOGY**

GREEN

Model 17144940

KEEP OUT OF REACH OF CHILDREN.

WARNING

CAUSES EYE IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN.
MAY BE FATAL IF SWALLOWED OR INHALED.
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ACTIVE INGREDIENT:		
Cuprous oxide	25.25%	
INERT INGREDIENTS	74.75%	
TOTAL	100.00%	
COPPER AS METALLIC	22.42%	



This product contains petroleum distillates.

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EPA REGISTRATION NO. 60061-135

KOP-COAT, INC.
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ROCKAWAY, NJ 07866

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Application Method: Brush, roller or spray.
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Coverage: This product covers approximately 430 square feet per gallon.
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DO NOT USE THIS PRODUCT ON ALUMINUM HULLS OR OUTDRIVES

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND 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 vapors, spray mist or sanding dust. While spraying and/or sanding boat surfaces, wear a NIOSH/NIOSH certified mask or respirator. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco or using the toilet.

	FIRST AID
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	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.	
	NOTE TO PHYSICIAN
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

ENVIRONMENTAL HAZARDS

This material is toxic to fish. Do not apply directly to water by cleaning of equipment or disposal of wastes or 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 or other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminating 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 local State Water Board or Regional Office of 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, CO2 or dry chemical.

PESTICIDE STORAGE AND DISPOSAL

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PHX1334740 08.07.15

PHX MAC #1334747 10/09/15 BLACK RED BLUE

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STATE OF HAWAII
Department of Agriculture

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BottomShield[®]

Antifouling Paint

**EASY APPLICATION & CLEAN-UP
TECHNOLOGY**



RED

Model 17144965

KEEP OUT OF REACH OF CHILDREN.

WARNING

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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 therefrom.

Medical Emergencies: 1-800-548-0489

Product Information: 1-800-221-4466 or WWW.PETTITPAINT.COM

Made in U.S.A. 

PHX1334746 08.07.15

PHX MAC #1334746 10/09/15 BLACK RED BLUE



STATE OF HAWAII
Department of Agriculture

ACCEPTED

LICENSE NO.

9734.109

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.



NET CONTENTS
1 QT. (32 FL. OZ.)
.946 LITERS

West Marine®

BottomShield®

Antifouling Paint

EASY APPLICATION & CLEAN-UP TECHNOLOGY

BLUE
Model 17144924

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.

ACTIVE INGREDIENT:
Cuprous oxide 25.25%

INERT INGREDIENTS
TOTAL 74.75%

COPPER AS METALLIC 100.00%
22.42%



This product contains petroleum distillates.
EPA EST. NO. 60061-NJ-2
EPA REGISTRATION NO. 60061-135

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

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 is a durable ablative antifouling coating designed to polish away at a controlled rate, constantly exposing a fresh surface for aggressive multi-season antifouling protection. The high loading of cuprous oxide in the formula enables the paint to perform well in even the most severe fouling areas. The controlled erosion minimizes coating buildup and keeps underwater surfaces smooth and clean. This product may be applied on fiberglass, inflatable fabric, wood and properly primed steel boats. This product is for use in fresh, salt or brackish water on hulls and underwater metal parts below the waterline. This paint is intended for use on recreational and commercial vessels of any size.

Compatibility: This product may be applied over most aged hard antifouling coatings and over most copper-based ablative coatings. Old soft antifouling paints must be completely removed before applying this product.
Mixing: This product is 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 clean water only. Do not thin more than 10% by volume (12 ounces per gallon). Use clean water for cleaning up equipment.

Coverage: This product covers approximately 430 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. It is a good idea for the first coat to be painted in a different color from the top coats. As the topcoat wears away, the base color will start to show through, signaling that it will soon be time to haul and repaint.

Dry Times:

90°F	To recoat	To launch
70°F	1½ hours	12 hours
50°F	3 hours	18 hours
	6 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: Less than 150 g/L.
Maintenance of Antifouling Paint: No antifouling paint can be effective under all conditions of exposure. Man-made pollution and natural occurrences can adversely affect the antifouling paint performance. Extreme hot and cold 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. Lightly wipe the bottom with a soft cloth or sponge to remove anything from the antifouling paint surface. Wiping is particularly important with boats that are idle for extended periods of time. The self-cleaning nature of the coating is most effective when the boat is used periodically.

PAINT 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 a.m. and 4:30 p.m. EST.

Previously Painted Surfaces: If the previous coating is in good condition thoroughly sand with 80 grit production paper and wipe clean with a rag dampened with fresh water 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 a paint and varnish remover. Proceed with the appropriate bare system as described below. Old in 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 dewaxed using Pettit Bio-Blue Hull Surface Prep 92 and clean abrasive scrubbing pads. Several cleanings may be necessary to ensure complete removal of contaminants. After the surface has been dewaxed, sand it thoroughly with 80 grit production paper and rewash the sanded surfaces with fresh water to remove all sanding residue. Apply two coats of this product observing the proper dry times. If sanding is prohibited, as with certain vinyl-ester gelcoats, or is otherwise impractical, make sure the surface has been completely and thoroughly dewaxed and cleaned with Pettit Hull Surface Prep 92. Then apply one thin continuous coat of Pettit 6698 Skip Sand Primer using a 3/16-inch nap roller. Topcoat with two coats of this product carefully following the topcoating instructions on the Skip Sand Primer label.

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.

DO NOT USE THIS PRODUCT ON ALUMINUM HULLS OR OUTDRIVES

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND 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 vapors, spray mist or sanding dust. While spraying and/or sanding boat surfaces, wear a NIOSH/NIOSH certified mask or respirator. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco or using the toilet.

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> 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 eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
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.	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

ENVIRONMENTAL HAZARDS

This material is toxic to fish. Do not apply directly to water by cleaning of equipment or disposal of wastes or 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 or other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminating 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 local State Water Board or Regional Office of 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, CO2 or dry chemical.

PESTICIDE STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and 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.
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