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PPG ABC®3 Antifouling Paint

SUSPENSION

READ THE LABEL AND PRODUCT DATA SHEET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

REGISTRATION NO 26991 PEST CONTROL PRODUCTS ACT

COMMERCIAL – FOR USE ON BOATS ONLY

GUARANTEE: Copper present as Cuprous Oxide 42.0%



DANGER – POISON
FLAMMABLE
CORROSIVE TO EYES AND SKIN

POTENTIAL SKIN SENSITIZER

NET CONTENTS 3.78 LITRES

PPG Industries, Inc., PPG Architectural Finishes, Inc.,
440 College Park Drive, Monroeville PA 15146 USA
1-412-434-4515

PRECAUTIONS

Wear chemical resistant gloves and footwear, chemical resistant clothing with head covering and a full face respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides at all times during handling and applying.

- KEEP OUT OF REACH OF CHILDREN.
- Fatal or poisonous if swallowed, inhaled or absorbed through the skin.
- DO NOT breathe vapours or spray mist.
- Corrosive to eyes and skin.
- Potential skin sensitizer.
- DO NOT get in eyes, on skin or clothing.
- Handle with care and mix only in a closed container.
- Use only in well ventilated areas.
- When using, do not eat, drink or smoke.
- Take a shower immediately after work.
- Wear freshly laundered clothes daily.
- Store and wash all protective clothing separately from household laundry.
- Wash protective clothing in detergent and hot water before reuse.
- Remove personal protective equipment immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.
- Remove clothing/personal protective equipment immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.
- For cleaning/maintaining personal protective equipment, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.
- Wash hands and face before eating, drinking, chewing gum, using tobacco or using the toilet.
- Wash the outside of gloves before removing.

FIRST AID

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 eye. Call a poison control centre or doctor for treatment advice.

If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

If swallowed, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

IF INHALED, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Number with you when seeking medical advice.

TOXICOLOGICAL INFORMATION: Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate gastric lavage.

ENVIRONMENTAL HAZARDS: Toxic to aquatic organisms. Do not contaminate water. 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.

PHYSICAL OR CHEMICAL HAZARDS: Flammable. Vapours, heavier than air, cause health and explosion hazards. Keep away from heat, sparks, and open flame. In case of spillage, eliminate all sources of ignition.

DIRECTIONS FOR USE: Refer to the product data sheet.

STORAGE: Keep container closed when not in use. Store in a cool, dry, well-ventilated area.

DISPOSAL:

Dispose of empty container and paint debris in accordance with provincial requirements. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

PHOTOCHEMICALLY REACTIVE

DOT paint UN1263

VOC: 396G/L (3.33 LBS/GAL)

Thinned, T10@63mL/L 428 g/L (3.57 lbs/gal)

HMIS H2 F3 R0

MADE IN CANADA

((PRODUCT DATA SHEET))

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**Product Data/Application Instructions
(for Marine & Offshore use, Canada)**

- Contains high levels of cuprous oxide
- Unique ablative mechanism prevents attachment of fouling organisms.
- Provides long-life protection, even under severe fouling conditions.
- Smoothing actions helps reduce grad resistance.

Typical Uses

PPG ABC®3 Antifouling Paint ablative antifouling coating is recommended:

- Where long-life fouling protection in severe service is required;
- Where reduction in operating costs and extended drydocking intervals is desirable;
- Where regulations ban or restrict the use of organotin compounds;
- Where maximum compatibility with a wide range of bottom systems or other special surfaces is required;
- Do not use directly on aluminum hulls.

DIRECTIONS FOR USE:

Application Data

Adhere to all application instructions, precautions, conditions and limitations to obtain the maximum performance. For conditions outside the requirements or limitations described, contact your PPG AF Inc.'s representative.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT apply this product in a way that will contact workers or bystanders, either directly or through drift. Only protected handlers may be in the area during application.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) or estuarine/marine habitats.

DO NOT discharge effluent containing this product or the biocide produced into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters unless the effluent has been detoxified by suitable means.

DO NOT place the painted parts in water after painting until the paint is fully cured (see recommended times on the label). It is recommended that you prevent paint chips or dust caused by removing paint from entering water.

Surface Preparation

Coating performance, in general is proportional to the degree of surface preparation. Refer to anticorrosive coating being applied.

Dependent upon condition of hull and existing antifouling, surface cleaning will vary from high pressure water cleaning to abrasive blasting. After immersion service of PPG ABC®3 Antifouling Paint high pressure water is required prior to top coating with additional PPG ABC®3 Antifouling Paint.

Apply over suitable primer system or clean, intact, existing bottom system.

Note – If applying antifouling coating over epoxy or coal-tar anticorrosive coatings, apply the first coat of antifouling while the anticorrosive (epoxy or coal-tar epoxy) is tack free but still soft to finger pressure. If the epoxy or coal-tar epoxy has cured too hard, apply another thin coat of epoxy or coal-tar epoxy within the recommended recoat intervals, and then apply the antifouling coating. Failure to apply the antifouling coating while the anticorrosive is still soft to finger pressure may result in poor adhesion between coatings and the eventual delamination of antifouling from the anticorrosive.

Steel – Prepare surface in accordance with instructions for anticorrosive coating to be used.

Physical Data

Finish	Flat
Color	Red
Components	1
Curing mechanism	Solvent release
Volume solids (calculated)	52% ± 3%
Dry film thickness per coat	100-150 microns (4-6 mils)
Coats	1-3*

* A third coat is recommended for long lasting protection

Theoretical coverage	m ² /L	ft ² /gal
25 microns (1 mil)	20.8	834
VOC (EPA 24)	g/L	lb/gal
ABC®3	396	3.3
Flash point (SETA)	°C	°F
ABC®3	28	83
T-10	27	80

Application Data

FLAMMABLE
DANGER POISON

Applied over	Coated steel	
Surface preparation method	See anticorrosive product literature Brush, roller or spray	
Equipment cleaner	T-10	
Environmental conditions		
Temperature	°C	°F
Air and surface	-18 to 49	0 to 120

Surface temperature must be at least 3°C (15°F) above dew point to prevent condensation					
Drying and cure time @ 75 microns (3 mils) (hours)					
°C/°F	49/120	32/90	21/70	10/50	0/32
Recoat	1	2	4	8	12
Before immersion	1	4	5	10	24

Application Equipment

The following is a guide; suitable equipment from other manufacturers may be used. Changes in pressure, hose and tip size may be needed for proper spray characteristics.

Airless spray – Standard equipment such as Graco Bulldog Hydra-Spray or larger with a 0.53 – 0.63 mm (0.021 – 0.025 inch) fluid tip.

Conventional spray – Industrial equipment such as DeVilbiss MBC or JGA spray gun. Separate regulators for air and fluid pressure, mechanical pot agitator and a moisture and oil trap in the main air supply line are recommended.

Power mixer - Jiffy mixer powered by an air- or an explosion-proof electric motor.

Application Procedure

1. Read the label before using.
2. Clean all application equipment with T-10.
3. Stir material thoroughly and continue stirring during application to insure pigment suspension.
4. Thin only for workability; no more than 1 pint T-10 per gallon of PPG ABC®3 AntiFouling Paint.
5. Apply a wet coat in even, parallel passes; overlap each pass 50 percent to avoid pinholes, bare areas or holidays. Give special attention to weld seams, rough or badly pitted areas. If required, cross spray at right angles.
6. For touch up and repair, apply additional material after removing dirt, contaminants or old loose coatings or antifouling.
7. Allow 4 hours drying time at 25°C (77°F) between coats.
8. Before immersing, allow PPG ABC®3 AntiFouling Paint to dry at least 5 hours at 25°C (77°F).
9. Clean application equipment immediately after use with T-10.

Safety Precautions

Read each component's material safety data sheet before use. Mixed material has hazards of each component. Safety precautions must be strictly followed during storage, handling and use.

CAUTION – Improper use and handling of this product can be hazardous to health.

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapor

concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.

This product is to be used by those knowledgeable about proper application methods. PPG AF Inc. makes no recommendation about the types of safety measures that may need to be adopted because these depend on application environment and space, of which PPG AF Inc. is unaware and over which it has no control.

If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.

Note: Consult Code of Federal Regulations Title 29, parts 1910 and 1915 concerning occupational safety and health standards and regulations, as well as any other applicable federal, state and local regulations on safe practices in coating operations.

This product is for industrial use only. Not for residential use.

Shipping Data

Packaging: 1- and 5-gal containers

Shipping weight (approx):

1-gallon unit - 7.5 kgs / 16.5 lbs.

5-gallon unit - 45.5 kgs / 100.5 lbs.

Shelf life when stored indoors at 40 to 100°F (4 to 38°C) 1 year from shipment date.

Numerical values are subject to normal manufacturing tolerances, color and testing variances. Allow for application losses and surface irregularities.

The mixed product is non-photochemically reactive as defined by South Coast Air Quality Management District's Rule 102 or equivalent regulations.

Improper use and handling of this product can be hazardous to health and cause fire or explosion.

Warranty

PPG AF Inc. warrants its products to be free from defects in material and workmanship. **PPG AF Inc.**'s sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at **PPG AF Inc.**'s option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to **PPG AF Inc.** in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify **PPG AF Inc.** of such nonconformance as required herein shall bar Buyer from recovery under this Warranty.

PPG AF Inc. makes no other warranties concerning the product. No other warranties, whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular

purpose, shall apply. In no event shall PPG AF Inc. be liable for consequential or incidental damages.

Any recommendation or suggestion relating to the use of the products made by PPG AF Inc., whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to safety itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

Limitation of Liability: PPG AF Inc.'s liability on any claim of any kind, including claims based upon PPG AF Inc.'s negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall PPG AF Inc. be liable for consequential or incidental damages.

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