

48302-7

7/12/2005

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Proposed updated label for TFA-10 A (48302-7)

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Front Panel

February 5, 2005; rev. 2-14-05, 3-8-05

# TFA-10 A

**Antifouling Paint for Commercial Use Only**  
to protect wood, fiberglass and/or metal vessels used in salt and fresh water  
All Season Long Protection Against Moderate to Heavy Fouling

Active Ingredient:

Cuprous Oxide..... 49.0%

Inert Ingredients ..... 51.0%

Total ..... 100.0%

Contains the toxic inert ingredient, Tri-orthocresylphosphate (TOCP)

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**

SEE REAR LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Establishment No. \_\_\_\_\_ EPA Registration No. 48302-7

Weight: 4.5 lbs. Per 5 Gallons

Net Contents: 5 gallons

Code No. \_\_\_\_\_

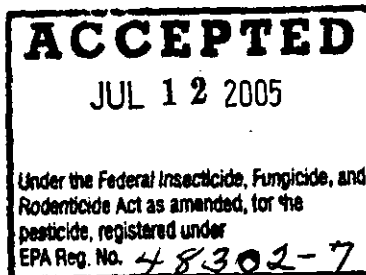
Batch No. \_\_\_\_\_

## CHUGOKU MARINE PAINTS [U.S.A.] INC.

370 Lexington Ave., New York, NY 10017

U.S. Agent: CMP Coatings, Inc.

1610 Engineers Road, Belle Chasse, LA 70047



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

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 spray mist. While spraying paint or sanding or sandblasting boat surfaces, wear a mask or a respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

**FIRST AID**

**If swallowed:**

- Immediately call a poison control center or doctor
- 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 on skin or clothing:**

- 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:**

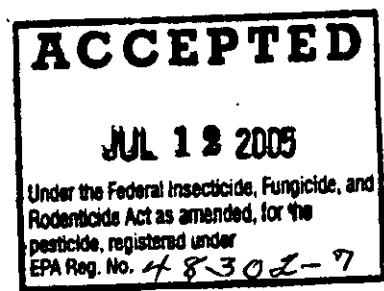
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

**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 center or doctor for treatment advice.

Other: Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Note to Physician: Contains petroleum distillate – vomiting may cause aspiration pneumonia.



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### ENVIRONMENTAL HAZARDS

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. 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 to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

### CHEMICAL OR PHYSICAL HAZARD

Flammable. Keep away from heat, sparks, or open flames.

### STORAGE AND DISPOSAL

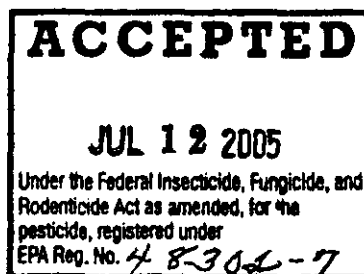
Do not contaminate water, food or feed by storage or disposal.

**Pesticide Disposal.** Pesticide wastes are toxic. Open dumping is prohibited. Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by Federal, State or local disposal authorities.

**Container Disposal.** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

### DIRECTIONS FOR USE

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



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February 5, 2005; rev. 2-14-05, 3-8-05

[Subset of directions for use in Heavy Duty Marine Market]

**Product Description:** TFA -10 A is an antifouling paint, with self-polishing action, suitable for application to wood, fiberglass, or metal vessels subject to attack by barnacles, algae, tubeworms, and other marine fouling organisms. It provides *season long protection of vessels with moderate to heavy fouling*. TFA-10 A may be used on vessels in salt, *brackish* and fresh waters. It is a very high performance antifouling paint for worldwide service with extended drydocking intervals up to 60 months. TFA-10A uses a unique hydration mechanism during operation, resulting in long lasting anti-fouling protection. Not for sale to or use by the general public.

**PRODUCT INFORMATION:**

Finish/Sheen	Semi-Gloss
Volume Solids	55% at 23° C/73° F
Film Thickness: (wet)	7.3 – 10.9 mils (182-274 microns)
(dry)	4.0 – 6.0 mils (100-150 microns)
Theoretical Coverage:	149-224 sq. ft./gal. Coverage varies with applied film thickness. Allow appropriate loss factors.

**APPLICATION DETAILS:**

Method:	Airless spray, brush or roller
Thinner:	Not recommended. If necessary to use, consult CMP Coatings for advice. [or] If necessary use RAVAX THINNER or consult CMP Coatings.
Cleaner	RAVAX THINNER or xylene

Coating and Overcoating Interval

Drying Time (hrs) (DFT 2 mils) Substrate	Surface Hard		Painting Interval		Dry to Launch*	
	Dry (hrs)	Dry (hrs)	Minimum (hrs)	Maximum (hrs)	Minimum (hrs)	Maximum (hrs)
Temperature						
41° F (5° C)	3	12	12	24	12	24
50° F (10° C)	2	8	8	18	8	18
68° F (20° C)	1	5	6	12	6	12
86° F (30° C)	½	4	5	10	5	10

\* Contact your CMP Coatings representative for minimum drying time before flooding at higher dry film thicknesses.

**REGULATORY DATA**

VOC (EPA Rule 24) 3.34 lb/gal (400 g/l) as supplied.

**ACCEPTED**

JUL 12 2005

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 48302-7

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Proposed updated label for TFA-10 A (48302-7)

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[Continued subset of directions for use in Heavy Duty Marine Market]

**SYSTEMS AND COMPATIBILITY:** CMP Coatings should be consulted for application advice, specification recommendations and the suitability of specific products on individual vessels.

**APPLICATION METHOD and LIMITATIONS:** Apply **TFA-10 A** by spray, brush or roller. It may be used over suitable existing coatings. Preferable undercoatings are: RAVAX AC, RAVAX AC-P, SILVAX SQ-HB, UMEGUARD MP or contact CMP Coatings.

Airless spray is strongly recommended, if spray is chosen. A minimum of two coats is recommended. See chart on minimum drying times.

Apply in good weather when air and surface temperature are above 41° F (5° C) with humidity < 85% RH. Surface temperature must be at least 5° F (3° C) above dew point. For optimum application conditions, bring material to 70-80° F (21 -27° C) before mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 35 and 95° F (2 - 38° C) with a minimum of 32° F (0° C).

Apply 7.3 – 10.9 mils (182-273 microns) wet film thickness to yield about 4.0 – 6.0 mils (100 – 150 microns) dry film thickness. Consult the following equipment recommendations or use a suitable equivalent. For airless spray, use Tip No. Graco 619,721; paint output pressure of 120-150 kg/cm<sup>2</sup> (1700 – 2100 psi); and viscosity of 40 sec. (Ford Cup No. 4). For brush or roller application consult the equipment recommendations or use suitable equal:

**Equipment**

Brush: Use appropriate size China bristle brush

Roller: Use All Purpose Roller Cover 3/8" (9.5mm) pile smooth to medium.

Prewash roller cover to remove loose fibers before use.

**Surface Preparation:** Paint only clean, dry surfaces. Remove all dirt, grease, oil, soluble contaminants and other detrimental "foreign" material by cleaning. For unpainted surfaces, prepare surface and apply recommended primer, according to manufacturers specifications. Apply one or more coats of the primer as specified. For new construction: dependent on yard procedures, consult CMP Coatings. A suitable anticorrosive coating should be applied to metals. Repair corroded areas with the recommended anticorrosive primer. A primer is recommended for wood or fiberglass before applying this product. For painted surfaces, surface must be dry, clean, free from rust, grease and loose paint. For maintenance, the substrate must be high pressure washed to remove salt and fouling.

**ACCEPTED**

JUL 12 2005

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[Continued subset of directions for use in Heavy Duty Marine Market]

Recoating and Upgrading of approved systems. Use controlled close high pressure fresh water washing (3,000 psi, 211 kg/sq/cm) to clean the entire area and remove any leached layer at the surface of the existing antifouling system. Repair corroded areas with the recommended anticorrosive primer and apply a spot coat of this product within the overcoating interval specified for the primer (consult relevant primer data sheet).

**MIXING:** This material is a one-component coating. Always stir paint thoroughly with a power agitator before application.

**THINNING:** Paint is formulated at spray viscosity and normally does not need to be thinned. If thinning is necessary, thin up to a maximum of 5% (by volume) with a recognized paint thinner such as RAVAX THINNER or seek assistance from CMP Coatings. Do not thin beyond your State's compliancy.

**CLEANUP and WORK STOPPAGES:** Clean all equipment immediately after use with RAVAX THINNER or xylene. Spray equipment must be flushed with this solvent. Periodically flush-out spray equipment during the working day. Frequency of cleaning/flushing will depend on such factors as amount sprayed, temperature and elapsed time including breaks. Continuously monitor the condition of the equipment.

**Shelf Life and Storage:** Store product in cool, dry well-ventilated area. Keep container closed and upright when not in use to prevent leakage. Shelf life is 12 months in this condition.

**SAFETY:** Prior to use, obtain, consult and follow the Material Safety Sheet for this product for added details concerning both product and health and safety information. Read and follow all precautionary notices on the Material Safety Data Sheet and this container label. If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use this product. Proper ventilation and protective measures must be provided during application and drying to keep solvent vapor concentrations within safe limits and to protect against toxic or oxygen deficient hazards and/or flash fire. Actual safety measures are dependent on application methods and work environment. This safety information is not a substitute for that contained in the Material Safety and Product Data Sheets.

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JUL 12 2005  
Under the Federal Insecticide, Fungicide, and  
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[Subset of directions for use in The Yacht Market]

**Product Description:** TFA -10 A is an antifouling paint suitable for application to wood, fiberglass, or metal vessels subject to attack by barnacles, algae, tubeworms, and other marine fouling organisms. It provides season long protection of vessels with moderate to heavy fouling. TFA-10 A may be used on vessels in salt, brackish and fresh waters. It is a very high performance antifouling paint for worldwide service with extended drydocking intervals up to 60 months. Not for sale to or use by the general public.

**Compatibility:** This product can be applied over existing antifouling coatings so long as the old coating adheres tightly and is in good condition. Before applying over conventional antifouling paints, sand thoroughly with 80 grit wet-or-dry sandpaper. Remove soft rosin based coatings before applying this product.

**Coats required:** 2 coats. On bare wood, two coats over primer.

**Thinner:** RAVAX THINNER

**Thinning:** Thin only if necessary. Do not exceed 5 % by volume.

**Drying Times at 68° F [20°C]:** Touch dry: 1 hour

To Recoat: 6 hours

To Launch: Minimum, 6 hours

Maximum, 12 hours

**Clean Up:** RAVAX THINNER or xylene

**Theoretical Coverage:** 149 - 224 sq.ft/gal.

**Application Temperatures:** 41°F (5°C) and above

**ACCEPTED**

**JUL 12 2005**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 48302-7

**APPLICATION SYSTEMS FOR YACHTS**

**APPLICATION METHOD and LIMITATIONS:** Apply TFA -10A by brush or roller. It may be used over suitable existing coatings. Preferable undercoatings are: RAVAX AC, RAVAX AC-P, SILVAX SQ-HB, UMEGUARD MP or contact CMP Coatings.

TFA - 10A may be applied as two coats, preferably. Drying time between coats, and before launching vary with film thickness, temperature, humidity; the above are general estimates.

Apply in good weather when air and surface temperature are above 41° F (5° C) with humidity < 85% RH. Surface temperature must be at least 5° F (3° C) above dew point. For optimum application conditions, bring material to 70-80° F (21 -27° C) before mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 35° and 95° F (2° - 38° C) with a minimum of 32° F (0° C).

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[Continued subset of directions for use in The Yacht Market]

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[Continued subset of directions for use in The Yacht Market]

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