



# Trinidad VOC<sup>®</sup>

## High Copper Hard Antifouling

- High copper load offers excellent performance in all conditions
- Hard durable finish is easily burnished
- Proven Track Record of Unparalleled Performance
- Designed for Extreme Fouling Conditions
- Meets 330 gram per liter VOC regulations



Over the years, Trinidad VOC has earned a reputation for unparalleled performance. While other bottom paints have come and gone, Trinidad VOC remains one of the most respected names in the industry. Designed with high cuprous oxide content to effectively combat extreme fouling conditions. Trinidad VOC's hard epoxy base provides a durable finish for long lasting performance. Low VOC formula with volatile organic compound content below 330 grams/ liter meets strict California VOC regulations. Perfect for competitive racing or blue water cruising. Left in the water,

Trinidad VOC provides dependable, year-round service. (Available on the West Coast Only)

### PHYSICAL DATA

VEHICLE TYPE: Modified Epoxy/Rosin  
 FINISH: Flat  
 COLORS:  
     1278 Blue 1878 Black  
 COMPONENTS: 1  
 CURING MECHANISM: Solvent Release  
 SOLIDS (theoretical):  
     By weight...839 +/- 2%  
     By volume...62 +/- 2%  
 COVERAGE: 500 sq. ft/gal. (includes 20% loss factor)  
 VOC: 330 g/l max. (as supplied and applied)  
 ACTIVE INGREDIENTS:  
 Cuprous Oxide 53.5%  
 FLASH POINT: 115°F (SETA)

### APPLICATION DATA

METHOD: Brush, roller, airless or conventional spray.  
 NUMBER OF COATS: 2  
 DRY FILM THICKNESS PER COAT: 2 mils (3.3 wet mils)  
 APPLICATION TEMP: 40° F. Min. / 90°F. Max.  
 DRY TIME\* (HOURS):

	To Recoat	To Launch
90°F	2	8
70°F	4	16
40°F	6	24

\*The above dry times are minimums.  
 Trinidad VOC Antifouling may be recoated after the minimum time shown and launched up to 60 days after painting.  
 THINNER:  
 120 Brushing Thinner  
 121 Spray Thinner

### ASSOCIATED PRODUCTS

120 Brushing Thinner  
 121 Spray Thinner  
 92 Bio-Blue Hull Surface Prep  
 95 Fiberglass Dewaxer  
 6998 Skip-Sand Primer  
 4100/4101 White Pettit-Protect High Build Epoxy Primer  
 4700/4701 Gray Pettit-Protect High Build Epoxy Primer  
 6455/044 Metal Primer  
 6627 Tie-Coat Primer  
 6980 Rustlok Steel Primer  
 7050 EZ-Fair Epoxy Fairing Compound



Trinidad VOC is heavily loaded with cuprous oxide. As a result of this 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. Adhere to all application instructions, precautions, conditions and limitations to obtain optimum performance. Refer to individual labels and tech sheets for detailed instructions when using associated products, etc. Thinning of Trinidad VOC is not necessary. However, in very warm, breezy conditions a small amount of thinner (no more than 6 ounces per gallon) may be added to aid in application. In areas where pollution control regulations limiting the amount of VOC (Volatile Organic Compounds) to 330 grams/liter are in effect do not thin Trinidad VOC more than 2% (2.5 ounces per gallon).

### Surface Preparation

Coating performance, in general, is proportional to the degree of surface preparation. Follow recommendations carefully, avoiding shortcuts. Inadequate preparation of surfaces will virtually assure inadequate coating performance.

### Maintenance

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. Lightly wipe the bottom with a rag to remove anything from the antifouling paint surface. Wiping is particularly important with boats that are idle for extended periods of time. The coating is most effective when the boat is used periodically.

## 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.

**Do not apply Trinidad VOC on aluminum.**

**Previously Painted Surfaces:** If the previous coating is in good condition, thoroughly sand with 80 grit paper then solvent clean with 120 Brushing Thinner to remove residue. Apply two finish coats of Trinidad VOC. If the previous coating is soft or in poor condition, remove to the bare surface by sanding or paint and varnish stripper. Proceed with appropriate bare system as described below. Old tin copolymers should be removed or sealed with Pettit 6627 Tie Coat Primer before applying Trinidad VOC Antifouling.

**Bare Fiberglass:** All bare fiberglass, regardless of age, should be thoroughly cleaned with 92 Bio-Blue Hull Surface Prep or de-waxed several times with Pettit D-95 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 or three coats of Trinidad VOC, following application instructions. Careful observation of the above instructions will help ensure long term adhesion of this and subsequent years' antifouling paint.

To eliminate the sanding operation, two methods are available:

1. Prep the surface with 92 Bio-Blue Hull Surface Prep or wash the fiberglass three times using Pettit 95 Dewaxer. Then apply one thin coat of Pettit 6998 Skip-Sand Primer. Use a 3/16" or less nap when applying by roller. Consult the primer label for complete application and antifouling top coating instructions. Apply two or three coats of Trinidad VOC.
2. Clean, de-wax and etch the surface with 92 Bio-Blue Hull Surface Prep using a course Scotch-Brite pad in a swirling motion. Then apply one coat of Pettit 4700/4701 High Build Epoxy Primer. Consult the primer label for complete application and antifouling top coating instructions. Apply two or three coats of Trinidad VOC

**Barrier Coat:** Fiberglass bottoms potentially can form osmotic blisters within the gelcoat and into the laminate. To render the bottom as water impermeable as possible, prepare the fiberglass surface as mentioned above (sanding method) then apply three coats of Pettit Protect 4700/4701 Gray High Build Epoxy Primer or three coats of Pettit Protect 4100/4101 White High Build Epoxy Primer per label directions. Apply two or three finish coats of Trinidad VOC.

**Blistered Fiberglass:** See Pettit Technical Bulletin TB-1000 Gelcoat Blister Repair and Prevention Specification for detailed instructions.

**Bare Wood:** Sand entire surface with 80 grit paper; wash clean with 120 Brushing Thinner. Apply a coat of Trinidad VOC thinned 25% with 120 Brushing Thinner, allow an overnight dry, lightly sand and wipe clean. Apply two finish coats of Trinidad VOC.

**Bare Steel\*:** Sandblast or disc sand to a clean, bright finish remove residue. Then either immediately apply two coats of 6980 Rustlok Steel Primer, allowing each to dry only 1-2 hours prior to over coating - OR - immediately apply one thin coat of 6455 Metal Primer and allow to dry two hours; follow with two coats of 6627 Tie Coat Primer, allowing each to dry two hours minimum. Apply two finish coats of Trinidad VOC.

**Keels - Lead:** Abrade surface to bright metal; clean off residue. Apply one thin coat of 6455/044 Metal Primer; allow to dry two hours. Apply one coat of Pettit 6627 Tie Coat Primer then, if fairing is required, apply 7050 EZ-Fair Epoxy Fairing Compound. Follow with an additional coat of 6627 Tie Coat Primer per label directions. Apply two finish coats of Trinidad VOC.

**Keels - Steel or Cast Iron:** Abrade surface to bright metal; clean off residue. Apply one coat of 6980 Rustlok Steel Primer, allowing to dry only 1 - 2 hours prior to over coating. Then, if fairing is required, apply 7050 EZ-Fair Epoxy Fairing Compound followed by one coat of Pettit 6627 Tie Coat Primer, finish with two finish coats of Trinidad VOC.

\*This is a simplified system for smaller areas designed for good performance and easy application by the boatyard professional or do-it-yourselfer. For larger vessels or for applications where a high performance, professional system is desired, please consult your local Pettit representative or the Pettit Technical Department.