

TBT Free Polishing Antifouling

PRODUCT DESCRIPTION A high performance, TBT free, polishing antifouling. Enhanced biocide release mechanism. Prevents coating build-up. At subsequent drydockings, it is only necessary to top up the system. Low VOC.

INTENDED USES As a TBT free, polishing antifouling. As a multiple coat system for extended in-service periods. For use at Newbuilding or Maintenance & Repair.

PRODUCT INFORMATION

Color	BRA640-Red, BRA641-Blue, BRA642-Black, BRA643-Ocean Green
Finish/Sheen	Not applicable
Part B (Curing Agent)	One pack
Volume Solids	62% ±2% (ASTM D2697-86)
Mix Ratio	One pack
Typical Film Thickness	4 mils dry (6.4 mils wet), 4 - 5 mils dry practical range equivalent to 6.4 - 8.1 mils wet
Theoretical Coverage	249 ft ² /US gal at 4 mils dft, allow appropriate loss factors
Method of Application	Airless Spray, Brush, Roller,
Flash Point	Single Pack 82°F (Setaflash) (ASTM D-3278)

Drying Information	41°F	50°F	77°F	95°F
Touch Dry [ASTM D1640 7.5.1]	12 hrs	6 hrs	4 hrs	2 hrs
Before Flooding	12 hrs	12 hrs	8 hrs	7 hrs

Note For Major Refurbishment and Repair if total dft is >300µm or a single coat is >150µm dft, the flooding times must be increased as follows:
24 hours at 50°F or less and 18 hours at 77°F or above.

Overcoating Data - see limitations	Substrate Temperature							
	41°F		50°F		77°F		95°F	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Interspeed 640	24 hrs	ext	20 hrs	ext	6 hrs	ext	4 hrs	ext

REGULATORY DATA **VOC** 385 g/lit (3.21 lb/US gal) as supplied (EPA Method 24)

Note: VOC values are typical and are provided for guidance purposes only. These may be subject to variation depending on factors such as differences in color and normal manufacturing tolerances.

EPA Federal EPA Registration No. 2693-142
For specific state registrations contact your International Paint representative.
See Page 4 for additional Regulatory Data.

This product does not contain organotin compounds acting as biocides and as such is in compliance with the International Convention on the Control of Harmful Anti-fouling Systems on ships as adopted by IMO in October 2001 (IMO document AFS/CONF/26).

TBT Free Polishing Antifouling

CERTIFICATION

When used as part of an approved scheme, this product has the following certification:

Product recognised by the following classification societies as compliant with the International Convention on the Control of Harmful Anti-fouling Systems on Ships, 2001 (AFS 2001):

- Lloyds Register
- Det Norske Veritas
- Bureau Veritas
- Germanischer Lloyd

Consult your International Paint representative for details.

SYSTEMS AND COMPATIBILITY

Consult your International Paint representative for the system best suited for the surfaces to be protected.

SURFACE PREPARATIONS

Use in accordance with the standard Worldwide Marine Specifications.

Paint only clean, dry surfaces. Remove all grease, oil, soluble contaminants and other foreign matter by "solvent cleaning" (SSPC-SP1).

NEWBUILDING

Dependent on yard procedures. Consult International Paint.

Unpainted surfaces:

Prepare surface and apply recommended primer. Apply one or more coats of Interspeed 640 as specified. (Consult the relevant primer data sheet for surface preparation and overcoating information.)

Recoating and Upgrading of approved systems:

Use controlled close high pressure fresh water washing (minimum 3,000 psi, 211kg/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 Interspeed 640 within the overcoating interval specified for the primer (consult the relevant primer data sheet for surface preparation and overcoating information).

Apply the specified number of full coats of Interspeed 640.

TBT Free Polishing Antifouling

APPLICATION	Apply by airless spray only. Application by other methods, brush or roller, may require more than one coat. Strain material through a minimum 60 mesh screen before application. Apply at 6.5 mils wet which will yield 4.0 mils dry film thickness. Consult the following equipment recommendations and/or utilize suitable equal.
Mixing	This material is a one pack coating. Always mix thoroughly with a power agitator before application.
Thinner	DO NOT THIN BEYOND YOUR STATE'S COMPLIANCY. Material is supplied at spray viscosity and normally does not need thinning. If thinning is necessary, thin up to a maximum of 4 ounces/gal. with International GTA007 Thinner.
Airless Spray	Minimum 28:1 ratio pump; 0.021" - 0.026" (533-661 microns) orifice tip; 3/8" (9.5mm) ID high pressure material hose; 60 mesh tip filter
Brush	Use appropriate size China bristle brush.
Roller	Use All Purpose Roller cover with 3/8" (9.5mm) pile smooth to medium nap. Prewash roller cover to remove loose fibers prior to use.
Cleaner	International GTA007
Work Stoppages and Cleanup	Clean all equipment immediately after use with International GTA007. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency will depend upon factors such as amount sprayed, temperature and elapsed time including work stoppages. Monitor material condition. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.
Welding	In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation. In North America do so in accordance with instruction in ANSI/ASC Z49.1 "Safety in Welding and Cutting."

SAFETY

All work involving the application and use of this product should be performed in compliance with all relevant national Health, Safety & Environmental standards and regulations.

Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the Material Safety Data Sheet and container labels. If you do not fully understand these warnings and instructions or if you can not 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. Take precautions to avoid skin and eye contact (ie. gloves, goggles, face masks, barrier creams etc.) Actual safety measures are dependant on application methods and work environment.

EMERGENCY CONTACT NUMBERS:

USA/Canada - Medical Advisory Number 1-800-854-6813

Europe - Contact (44) 191 4696111. For advice to Doctors & Hospitals only contact (44) 207 6359191

China – Contact (86) 532 83889090

R.O.W. - Contact Regional Office

TBT Free Polishing Antifouling

LIMITATIONS

Apply in good weather when air and surface temperatures are above 35°F. Surface temperature must be at least 5° F above dew point. For optimum application properties, bring material to 70-80 °F prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 40 and 100°F. Prolonged atmospheric exposure of this product may detract from antifouling performance.

Recommended maximum exposure time before flooding:

Temperate conditions - 6 months

Tropical conditions - 3 months

These times may be extended under certain conditions. Contact your International Paint representative for advice. Overcoating information is given for guidance only and is subject to regional variation depending upon local climate and environmental conditions. Consult your local International Paint representative for specific recommendations. Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating application procedures. Test performance results were obtained in a controlled laboratory environment and International Paint makes no claim that the exhibited published test results, or any other tests, accurately represent results actually found in all field environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection, verification of performance and use of the coating. In the overcoating data section 'ext' = extended overcoating period. Please refer to our Marine Painting Guide - Definitions and Abbreviations available on our website.

ADDITIONAL REGULATORY DATA

It is a violation of federal law to use this product in a manner inconsistent with its labelling. Refer to container label for information concerning Precautionary Statements, Directions for Use and Storage and Disposal.

UNIT SIZE

Unit Size	Vol	Pack
5 US gal	5 US gal	5 US gal

UNIT SHIPPING WEIGHT

Unit Size	Unit Weight
5 US gal	94 lb

STORAGE

Shelf Life	
	24 months minimum from date of manufacture when maintained in protected storage at 40-100°F. Subject to reinspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

WORLDWIDE AVAILABILITY Consult International Paint.

IMPORTANT NOTE

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

This Technical Data Sheet is available on our website at www.international-marine.com or www.international-pc.com, and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.

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