

Tin Free Antifouling

PRODUCT DESCRIPTION Traditional cuprous oxide self polishing antifouling.

INTENDED USES For single season antifouling protection of wooden, plywood, glass fibre, steel and ferrocement boats operating at a speed below 15 knots.

PRODUCT INFORMATION

Colour	BQA524-Red BQA525-Blue (available in South America only)
Part B (Curing Agent)	Not applicable
Volume Solids	65% ±2% (ISO 3233:1998)
Mix Ratio	This material is a one pack coating and should always be mixed thoroughly with a power agitator before application.
Typical Film Thickness	65 microns dry (100 microns wet)
Theoretical Coverage	10 m ² /litre at 65 microns dft, allow appropriate loss factors
Method of Application	Brush, Roller
Flash Point (Typical)	Single Pack 36°C

Drying Information	10°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	60 mins	45 mins	30 mins
Hard Dry [ISO 9117-1:2009]	8 hrs	4 hrs	3.5 hrs
Before Flooding	24 hrs	18 hrs	12 hrs

Overcoating Data - see limitations	Substrate Temperature					
	10°C		25°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max
Interspeed 5100	6 hrs	ext	3 hrs	ext	2 hrs	ext

REGULATORY DATA

VOC	385 g/lit as supplied (EPA Method 24) 240 g/kg of liquid paint as supplied. EU Solvent Emissions Directive (Council Directive 1999/13/EC)
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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 colour and normal manufacturing tolerances.

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SYSTEMS AND COMPATIBILITY

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

SURFACE PREPARATIONS

All surfaces to be coated must be clean, dry and free from contamination. High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil, grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 : solvent cleaning. Consult International Paint if other methods are to be used.

NEWBUILDING

Consult International Paint.

MAJOR REFURBISHMENT

Interspeed 5100 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination. Interspeed 5100 must be applied within the overcoating intervals specified for the primer (consult the relevant primer data sheet).

Areas of breakdown, damage etc., should be prepared to the specified standard e.g. Sa2½ (ISO 8501-1:2007) and primed prior to the application of Interspeed 5100.

REPAIR

On a previously antifouling-coated surface in good condition remove any oil and grease, etc. followed by high pressure fresh water cleaning, rinse with fresh water and allow to dry. If old antifouling is incompatible or unknown seal with Intertuf 203.

On a previously antifouled surface in poor condition use Interstrip AF to remove all traces of antifouling and seal with Intertuf 203, then overcoat with Interspeed 5100.

Consult International Paint for specific recommendations.

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APPLICATION

Mixing	This material is a one pack coating and should always be mixed thoroughly with a power agitator before application.
Thinner	Not Recommended. Use International GTA007 only in exceptional circumstances (max 5% by volume). DO NOT thin more than allowed by local environmental legislation.
Airless Spray	Consult International Paint.
Brush	Multiple coats may be required to achieve specified film thickness.
Roller	Multiple coats may be required to achieve specified film thickness.
Cleaner	International GTA007
Work Stoppages and Cleanup	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA007. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units. 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 of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays. Do not exceed pot life limitations. 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 vapour 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

R.O.W. - Contact Regional Office

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LIMITATIONS

If the following maximum recommended exposure times before flooding are exceeded, antifouling performance may be impaired:

Temperate conditions - 6 months, Tropical conditions - 3 months

On immersion, Interspeed 5100 will exhibit little colour change.

The surface appearance of Interspeed 5100 will change on immersion in water from semi gloss to matt.

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. Apply in good weather. Temperature of the surface to be coated must be at least 3°C above the dew point. For optimum application properties bring the material to 21-27°C, unless specifically instructed otherwise, prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE Section of this data sheet. Technical and application data herein is for the purpose of establishing a general guideline of the 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 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.

UNIT SIZE	Unit Size	Part A	
		Vol	Pack
	5 lt	5 lt	5 lt

For availability of other unit sizes consult International Paint

UNIT SHIPPING WEIGHT (TYPICAL)	Unit Size	Unit Weight
	5 lt	7.5 Kg

STORAGE	Shelf Life	12 months minimum at 25°C. Subject to re-inspection 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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