

**PRODUCT DESCRIPTION** Patented, hybrid, TBT free, self polishing antifouling system incorporating unique Copper Acrylate SPC technology. Interswift 655 is an antifouling with SPC (Self Polishing Copolymer) and CDP (Controlled Depletion Polymer) features.

**INTENDED USES** For use at Newbuilding or Maintenance & Repair.

<b>PRODUCT INFORMATION</b>	<b>Colour</b>	BMA002-Blue, BMA003-Green, BMA004-Dark Red, BMA008-Brown, BMA009-Black
	<b>Finish/Sheen</b>	Not applicable
	<b>Converter/Curing Agent</b>	Not applicable
	<b>Volume Solids</b>	58% ±2% (ISO 3233:1998)
	<b>Specific Gravity</b>	1.83
	<b>Mix Ratio</b>	Not applicable
	<b>Typical Film Thickness</b>	125 microns dry (216 microns wet)
	<b>Theoretical Coverage</b>	0.392 kg/m <sup>2</sup> (4.64 m <sup>2</sup> /lt, 0.216 lt/m <sup>2</sup> ) at 125 microns dft, allow appropriate loss factors
	<b>Method of Application</b>	Airless Spray, Brush, Roller
	<b>Flash Point</b>	Single Pack 24°C

**Drying Information**

	5°C	10°C	25°C	35°C
Touch Dry [ISO 1517:73]	4.5hrs	4hrs	2hrs	1.5hrs
Before Flooding	24hrs	24hrs	12hrs	12hrs

**Overcoating Data - see limitations**

Overcoated By	Substrate Temperature							
	5°C		10°C		25°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Intersmooth 460 SPC	12hrs	ext	10hrs	ext	6hrs	ext	4hrs	ext
Interswift 655	12hrs	ext	10hrs	ext	6hrs	ext	4hrs	ext

**Note:** For Intersmooth 360, 365 and 465 SPC follow the overcoating interval data given for Intersmooth 460 SPC. When BMA002-Blue, BMA003-Green and BMA009-Black are overcoated with themselves a maximum overcoating interval of 1 month must be observed. (see Limitations)

**REGULATORY DATA** **VOC** 390 g/lt as supplied (EPA Method 24)

**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).**

### CERTIFICATION

When used as part of an approved scheme, this material 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, Germanischer Lloyd, Korean Register of Shipping, DNV

Consult your International Paint representative for details.

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### SYSTEMS AND COMPATIBILITY

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

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### SURFACE PREPARATIONS

Use in accordance with the standard Worldwide Marine Specifications.

All surfaces to be coated should be clean, dry and free from contamination.

High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning.

#### NEWBUILDING/MAJOR REFURBISHMENT

Interswift 655 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Interswift 655 must be applied within the overcoating intervals specified (consult the relevant product data sheet). Areas of breakdown, damage etc. should be prepared to the specified standard (eg. Sa2½ (ISO 8501-1 : 1988)) and primed prior to the application of Interswift 655.

#### REPAIR

Application of Interswift 655 over self:

Clean the entire area with close high pressure fresh water washing using a fan-jet lance held close to the surface (3,000 p.s.i., 211 kg/cm<sup>2</sup>) as soon as the vessel enters dock and before it dries out. Consult International Paint for alternative methods of surface preparation. Repair corroded areas with the recommended anticorrosive primer system and apply Interswift 655 within the overcoating interval specified for the primer (consult relevant primer data sheets).

Application of Interswift 655 over International Paint TBT-Free, International Paint Intersmooth SPC or competitors antifouling:

Consult your International Paint representative for specific recommendations.

#### NOTE:

**For use in Marine situations in North America, the following surface preparation standards can be used: SSPC-SP10 in place of Sa2½ (ISO 8501-1:1988)**

### APPLICATION

<b>Mixing</b>	This material is a one pack coating and should always be mixed thoroughly with a power agitator before application.
<b>Thinner</b>	Not recommended. Use International GTA007 only in exceptional circumstances and as advised by the International Paint Technical Service representative. DO NOT thin more than allowed by local environmental legislation.
<b>Airless Spray</b>	Recommended. - Tip range 0.46 - 0.66mm (18-26 thou) - Total output fluid pressure at spray tip not less than 176 kg/cm <sup>2</sup> (2500 p.s.i.)
<b>Conventional Spray</b>	Application by conventional spray is not recommended.
<b>Brush</b>	Application by brush is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.
<b>Roller</b>	Application by roller is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.
<b>Cleaner</b>	International GTA007
<b>Work Stoppages and Cleanup</b>	Thoroughly flush all equipment with International GTA007. All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage. Material should be filtered prior to use.
<b>Welding</b>	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:**  
International Paint Japan K.K. Tel: +81 (0) 78 321 6871  
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

### LIMITATIONS

If the following maximum recommended exposure times before flooding are exceeded, antifouling performance may be impaired:  
 Tropical conditions - 3 months  
 Temperate conditions - 6 months  
 If these times are exceeded, close high pressure fresh water wash (at 3,000 p.s.i., 211 kg/cm<sup>2</sup>) the surface before immersion.  
 The maximum overcoating interval of 1 month when BMA002-Blue, BMA003-Green and BMA009-Black are applied to themselves may be extended provided that the coating is suitably treated prior to overcoating. (Consult International Paint)  
 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.  
 On immersion, colours will change:  
 Dark Red -> Light Red/Brown, Blue and Green -> lighten slightly,  
 Brown -> Dark Brown/Black, Black -> no significant change  
 Interswift 655 must not be applied directly over tar containing anticorrosives such as Intertuf 674 or Intertuf 23.  
 At Maintenance & Repair, when overcoating exposed (polish through) areas of tar anticorrosives, a touch-up of Intertuf 203 should be applied prior to the application of Interswift 655  
 Certain colours require additional mixing with a power agitator prior to application. Consult your International Paint representative for specific recommendations.  
 Apply in good weather. Temperature of the surface to be coated must be at least 3°C (5°F) above the dew point.  
 For optimum application properties bring the material to 21-27°C (70-80°F), 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.  
 In the overcoating data section 'ext' = extended overcoating period. Please refer to our Marine Painting Guide - Definitions and Abbreviations available from our website.

### UNIT SIZE

12 litres (21.85 kg) in an 18 litre container  
 For availability of other unit sizes consult International Paint.

### UNIT SHIPPING WEIGHT

12 litre unit: 22.92 kg  
 NOTE: All weights used in this datasheet are approximate and are dependent upon colour.

### STORAGE


Shelf Life  
 6 months minimum at temperatures greater than 25°C (77°F).  
 12 months minimum at temperatures up to 25°C (77°F).  
 Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

### WORLDWIDE AVAILABILITY

Consult International Paint. (Note Blue, Green and Black are made to order only)

### 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 law) any loss or damage arising out of the use of the product. 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 International Paint representative that this data sheet is current prior to using the product.*

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## Worldwide Operations

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### Head Office

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[www.international-marine.com](http://www.international-marine.com)