

**PRODUCT DESCRIPTION** A high solids, high performance, TBT-free self-polishing copolymer (SPC) antifouling. Particularly suitable for use where solvent emissions are required to be reduced.

**INTENDED USES** Specifically designed for Deep Sea Vessels.  
For use at Newbuilding.

<b>PRODUCT INFORMATION</b>	<b>Colour</b>	BEA774-Brown, BEA777-Red
	<b>Finish/Sheen</b>	Not applicable
	<b>Converter/Curing Agent</b>	Not applicable
	<b>Volume Solids</b>	54% ±2% (ISO 3233:1998)
	<b>Mix Ratio</b>	Not applicable
	<b>Typical Film Thickness</b>	125 microns dry (231 microns wet)
	<b>Theoretical Coverage</b>	4.32 (m <sup>2</sup> /lt) at 125 microns dft, allow appropriate loss factors
	<b>Method of Application</b>	Airless Spray, Brush, Roller
	<b>Flash Point</b>	Single Pack 25°C

#### Drying Information

	-5°C	5°C	25°C	35°C
Touch Dry [ISO 1517:73]	120mins	60mins	40mins	30mins
Before Flooding	30hrs	18hrs	12hrs	10hrs

**Note:**The above times to flooding apply to single coats applied at no more than 150 microns dft. Where multiple coats (or single coats above 150 microns dft) are applied in dock before launch, times to flooding must be increased as follows: 48 hours at -5°C, 36 hours at 5°C, 24 hours at 25°C, 12 hours at 35°C.

#### Overcoating Data - see limitations

Overcoated By	Substrate Temperature							
	-5°C		5°C		25°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Intersmooth 7465HS SPC	12hrs	6mths	6hrs	6mths	4hrs	6mths	3hrs	6mths

**Note:**For overcoating at -5°C (23°F) allow a minimum of 24 hours between coats for 3 coat systems.

#### REGULATORY DATA

<b>VOC</b>	425 g/lt as supplied (EPA Method 24) 226 g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
<b>EPA</b>	This product is not registered in the USA or Canada.

**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.

**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 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, 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

Intersmooth 7465HS SPC should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Intersmooth 7465HS SPC 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 Intersmooth 7465HS SPC.

Consult your International Paint representative for specific recommendations.

## 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 (max 5% by volume). DO NOT thin more than allowed by local environmental legislation.
<b>Airless Spray</b>	Recommended. - Tip range 0.54 - 0.80mm (21-31 thou) - Total output fluid pressure at spray tip not less than 190 kg/cm <sup>2</sup> (2700 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:

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

Coating lifetime is directly proportional to thickness applied. Performance of the product is dependant upon the specified film thickness being achieved.  
On immersion, Intersmooth 7465HS SPC will exhibit a slight colour change.  
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 (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.

## UNIT SIZE

20 litres in a 20 litre container

*For availability of other unit sizes consult International Paint.*

## UNIT SHIPPING WEIGHT

20 litre unit: 38.6 kg

## STORAGE

Shelf Life


12 months minimum below 25°C (77°F), 6 months minimum above 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.

## 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

Argentina, Australia, Bahrain, Belgium, Brazil, Bulgaria, Canada, Chile, Colombia, Croatia, Cuba, Cyprus, Denmark, Ecuador, Egypt, Estonia, Fiji, Finland, France, Germany, Greece, Hong Kong, Iceland, India, Indonesia, Iran, Italy, Japan, Kuwait, Latvia, Lithuania, Luxembourg, Malaysia, Malta, Mexico, Netherlands, New Zealand, Northern Ireland, Norway, Pakistan, Panama, Papua New Guinea, Peoples Republic of China, Peru, Philippines, Poland, Portugal, Qatar, Republic of Ireland, Romania, Russia, Saudi Arabia, Singapore, Slovenia, South Africa, South Korea, Spain, Sri Lanka, Sweden, Taiwan, Thailand, Turkey, U.S.A., Ukraine, United Arab Emirates, United Kingdom, Uruguay, Venezuela, Vietnam, Western Samoa, Yemen

## Head Office

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