

## Polyvinyl Butyral

**PRODUCT DESCRIPTION** A two pack, polyvinyl butyral etch primer.

**INTENDED USES** For use as a first coat pre-treatment primer for aluminum, galvanised, and light alloy surfaces.  
For use at Newbuilding, Maintenance & Repair or On Board Maintenance.

**PRODUCT INFORMATION**

<b>Colour</b>	VTA528-Yellow/Green
<b>Finish/Sheen</b>	Flat
<b>Part B (Curing Agent)</b>	VTA529
<b>Volume Solids</b>	9.30% (ASTM D2697-86)
<b>Mix Ratio</b>	4 volume(s) Part A to 1 volume(s) Part B
<b>Typical Film Thickness</b>	13 microns dry (140 microns wet) 0.4-0.5 mils (10 - 13 microns) dry practical range equivalent 4.3-5.4 mils (111 - 144 microns) wet
<b>Theoretical Coverage</b>	7.16 (m <sup>2</sup> /lt) at 0.5 mils (13 microns) dft, allow appropriate loss factors
<b>Method of Application</b>	Brush, Conventional Spray, Roller
<b>Flash Point (Typical)</b>	Part A 16°C; Part B 16°C; Mixed 16°C (Setaflash) (ASTM D-3278)
<b>Induction Period</b>	None required

Drying Information	5°C	10°C	25°C	35°C
Pot Life	8 hrs	8 hrs	8 hrs	8 hrs

### Overcoating Data - see limitations

	Substrate Temperature							
	5°C		10°C		25°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Interprime 198	2 hrs	24 hrs	2 hrs	24 hrs	2 hrs	24 hrs	60 mins	24 hrs

**REGULATORY DATA** **VOC** 720 g/lit (6.01 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 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.

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### SURFACE PREPARATIONS

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

#### **Steel:**

For optimum performance "Near White Blast Cleaning" (SSPC-SP10) is recommended.

#### **Zinc Primed Surfaces:**

Ensure that the total area is clean, dry and free from contamination and zinc salts before application of Interprime 519. Ensure zinc silicates are fully cured before overcoating.

#### **Galvanize:**

Steel Structures Painting Council Specification No. 7 "Brush Blast Cleaning".

When substrate is aluminium or light alloy the surface should be solvent cleaned according to SSPC-SP1 and then etched either chemically or physically by light blast cleaning. In latter case as aluminum is a soft metal, a low pressure should be used with a fine grade of abrasive (80 mesh) and the gun held 1 meter (3 feet) from the surface. It is important to follow application of Interprime 519 with paint system appropriate to the painting of aluminum.

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<b>APPLICATION</b>	Apply by conventional spray. Strain material before application. Apply at 135 microns which will give 13 microns dry film thickness. Consult the following equipment recommendations or utilize suitable equal.
<b>Mixing</b>	Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplies: (1) Agitate Part A with a power agitator. (2) Add entire contents of Part B to Part A while under gentle agitation.
<b>Thinner</b>	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. (118 ml) with International GTA136 Thinner.
<b>Conventional Spray</b>	DeVilbiss MBC-510 gun; FX tip and 705 air cap; 3/8" (9.5 mm) ID material hose; double regulated pressure tank with oil and moisture separator.
<b>Brush</b>	Use appropriate size China bristle brush.
<b>Roller</b>	Use All Purpose Roller cover with 3/8" (9.5 mm) smooth to medium nap. Prewash roller cover to remove loose fibres prior to use.
<b>Cleaner</b>	International GTA136
<b>Work Stoppages and Cleanup</b>	Clean all equipment immediately after use with International GTA136. Spray equipment requires flushing with this solvent. 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. Do not exceed pot life limitations. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.
<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."
<b>SAFETY</b>	<p><b>All work involving the application and use of this product should be performed in compliance with all relevant national Health, Safety &amp; Environmental standards and regulations.</b></p> <p><b>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.</b></p> <p><b>EMERGENCY CONTACT NUMBERS:</b>  <b>USA/Canada - Medical Advisory Number 1-800-854-6813</b>  <b>Europe - Contact (44) 191 4696111. For advice to Doctors &amp; Hospitals only contact (44) 207 6359191</b>  <b>R.O.W. - Contact Regional Office</b></p>

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### LIMITATIONS

Apply in good weather when air and surface temperatures are above 5°C. Surface temperatures must be at least 3°C above dew point. For optimum application properties, bring material to 21-27°C prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 4-38°C.

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 guidelines. 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.

UNIT SIZE	Unit Size	Part A		Part B	
		Vol	Pack	Vol	Pack
	1 US gal	1 US gal	1 US gal	1 US quart	1 US quart
	5 US gal	5 US gal	5 US gal	1 US gal	1 US gal
Note : US containers are short filled For availability of other unit sizes consult International Paint					
UNIT SHIPPING WEIGHT (TYPICAL)	Unit Size	Unit Weight			
	1 US gal	8.4 lb			
	5 US gal	42 lb			
STORAGE	Shelf Life	6 months minimum from date of manufacture when maintained in protected storage at 4-38°C. Subject to reinspection thereafter.			

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