

**PRODUCT DESCRIPTION**

A professional quality interior or exterior use rust preventative alkyd semi-gloss enamel.

**INTENDED USES**

Offers a tough, durable finish for residential and commercial applications and is ideal for safety equipment and pipe identification. For use on metal surfaces only.

**PRACTICAL INFORMATION FOR DEVGUARD 4306**

<b>Color</b>	White and custom colors
<b>Gloss Level</b>	Semi-gloss
<b>Volume Solids</b>	54% ± 2%
<b>Typical Thickness</b>	2-2.4 mils (50-60 microns) dry equivalent to 3.7-4.4 mils (93-111 microns) wet
<b>Theoretical Coverage</b>	394 sq.ft/US gallon at 2.2 mils d.f.t and stated volume solids 9.80 m <sup>2</sup> /liter at 55 microns d.f.t and stated volume solids
<b>Practical Coverage</b>	Allow appropriate loss factors
<b>Method of Application</b>	Airless Spray, Roller, Air Spray, Brush

**Drying Time**

<b>Temperature</b>	<b>Touch Dry</b>	<b>Hard Dry</b>	<b>Overcoating Interval with recommended topcoats</b>	
			<i>Minimum</i>	<i>Maximum</i>
77°F (25°C)	2 hours	8 hours	16 hours	Extended

**REGULATORY DATA**

<b>Flash Point</b>	106°F (41°C)	
<b>Product Weight</b>	10.3 lb/gal (1.24 kg/l)	
<b>VOC</b>	363 g/lit (3.02 lbs/gal)	Calculated

See Product Characteristics section for further details

**SURFACE PREPARATION**

All surfaces must be sound, dry, clean, and free of oil, grease, dirt, loose and flaking paint and other foreign substances.

**New Surfaces:**

**Steel**

Best results are obtained over a surface abrasive blasted to commercial blast cleanliness (SSPC-SP6) or ISO 8501-1:2007 Sa2. Performance over hand or power tool cleaned surfaces is dependent on the degree of cleaning.

Prime with this product or Devguard 4141 or 4360 primers.

**Galvanized Metal and Aluminum:**

Ensure that the surface is thoroughly clean and dry and free of any white zinc salts. Prime galvanized metal with Devguard 4360 and aluminum with Devguard 4141 or 4360 primers.

**Previously Painted Metal Surfaces:**

Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Scrub heavy chalk exterior areas and overhead areas such as eaves with soap and water. All existing mildew must be removed by washing with a solution of 16 oz (473 ml) liquid household bleach and two oz (59 ml) non-ammoniated liquid detergent per gallon (3.785 litres) of water. Rinse surfaces clean with water and allow to dry for 24 hours. All areas failed by rusting, peeling, blistering, etc., must be wire brushed and scraped to remove all loose or loosely adhering material. Prime bare areas with primer specified under New Surfaces. For optimum performance in more corrosive areas, entire surface should be abrasive blast cleaned and primed with this product or Devguard 4141 or 4360 primers. Surfaces in good condition generally may be done with one coat of this product.

**APPLICATION**

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<b>Mixing</b>	This material is a one component coating and should always be mixed thoroughly with a power agitator before application.	
<b>Airless Spray</b>	Suitable	Use a 13 thou (0.33mm) tip size and adjust pressure as needed.
<b>Brush</b>	Recommended	
<b>Roller</b>	Recommended	
<b>Thinner</b>	Do not thin	
<b>Cleaner</b>	Mineral Spirits or VM&P Naphtha	
<b>Work Stoppages</b>	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with mineral spirits or VM&P Naphtha. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage.	
<b>Clean Up</b>	Clean all equipment immediately after use with mineral spirits or VM&P Naphtha. 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.	

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

**PRODUCT  
CHARACTERISTICS**

## Advantages:

- Durable semi-gloss finish
- High solids and low VOC
- Interior or exterior usage
- Protects against atmospheric corrosion
- Excellent flow and leveling
- High hiding
- Washable and scrubbable
- Good abrasion resistance
- Easy application by brush, roll or spray
- Excellent resistance to grease, oil and water

For best opacity, tint primers toward finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

Important: Alkyd or oil-based enamels may yellow in time in the absence of light, especially sunlight.

Do not add linseed or other oils.

Do not apply if temperature is less than 40°F (4°C), relative humidity exceeds 85% or temperature is within 5°F (3°C) of the dew point.

Surfaces coated with this product may become slippery when wet. For additional slip resistance in areas of pedestrian traffic, add one pound per gallon of coarse pumice or other texturing material.

When applying Devguard 4306 by brush or roller, it may be necessary to apply multiple coats to achieve the required film build and uniform opacity.

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

**SYSTEMS  
COMPATIBILITY**

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The following primers are recommended for Devguard 4306:

Devguard 4141  
Devguard 4180  
Devguard 4360

### ADDITIONAL INFORMATION

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following documents available at [www.international-pc.com](http://www.international-pc.com):

- Definitions & Abbreviations
- Surface Preparation
- Paint Application
- Theoretical & Practical Coverage

Individual copies of these information sections are available upon request.

### SAFETY PRECAUTIONS

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data Sheet (MSDS) which International Protective Coatings has provided to its customers.

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.

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.

If in doubt regarding the suitability of use of this product, consult International Protective Coatings for further advice.

PACK SIZE	Unit Size	Vol	Pack
	1 US gal	1 US gal	1 US gal
	5 US gal	5 US gal	5 US gal
For availability of other pack sizes contact International Protective Coatings			
SHIPPING WEIGHT	Unit Size		
	1 US gal		11 lb
	5 US gal		54 lb
STORAGE	Shelf Life	12 months minimum at 77°F (25°C). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.	

### Disclaimer

*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 International Paint 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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