



## HIGH PERFORMANCE VpCI™ COATINGS

# VpCI®-373

### PRODUCT DESCRIPTION

VpCI®-373 is a water-based wash primer. VpCI®-373 is used for bonding other primers and coatings such as VpCI®-386 to a variety of metal substrates. VpCI®-373 is applied at an extremely thin thickness of 0.5-1.0 mil (12.5-25 microns) DFT. When used in conjunction with topcoats, this product can extend protection significantly.

### FEATURES

- Excellent replacement for chromate treatments
- Good adhesion on surfaces which are difficult to adhere to
- Multimetal protection
- Excellent primer for aluminum
- Conforms to MIL-P-15328D
- NSN #8010-01-470-2739

### TYPICAL PROPERTIES

#### VpCI®-373 Green

|                         |   |
|-------------------------|---|
| Appearance              | Opaque olive green liquid   |
| Shelf Life              | 12 months @ 75°F (24°C)   |
| Non-volatile Content    | 38-50%  |
| Theoretical Spread Rate | 1054 ft <sup>2</sup> /gal @ 0.5 mils DFT<br>(26 m <sup>2</sup> /l @ 12.5 microns) |
| Density                 | 9.7-10.1 lb/gal<br>(1.16-1.21 kg/l)   |
| VOC                     | 0.17 lb/gal (20 g/L)  |

#### VpCI®-373 Clear

|                         |   |
|-------------------------|---|
| Appearance              | Milky white liquid (dries clear)  |
| Shelf Life              | 12 months @ 75°F (24°C)   |
| Non-volatile Content    | 40-50%  |
| Theoretical Spread Rate | 1054 ft <sup>2</sup> /gal @ 0.5 mils DFT<br>(26 m <sup>2</sup> /l @ 12.5 microns) |
| Density                 | 8.5-8.6 lb/gal<br>(1.02-1.03 kg/l)  |
| VOC                     | 0.17 lb/gal (20 g/L)  |

### APPLICATION

#### Surface Preparation:

Surface must be equivalent to NACE #3 or SSPC SP2.

NACE - National Association of Corrosion Engineers  
SSPC - Steel Structure Painting Council

#### Product Preparation:

Product must be mixed prior to use as settling occurs over time.

#### Product Application:

Product can be applied by spray, brush, roll or dip. Normal WFT is 2.5 mils (62.5 microns) yielding 0.5 mil (12.5 microns) DFT.

#### Spray Application:

|                |  |
|----------------|--|
| Mils/Pass      | 2.5 mils (62.5 microns) WFT                                  |
| Model          | AA Plus for premium finish<br>510 (Airless) for other uses   |
| Pump           | 30:1 President SST   |
| Tip            | 0.009"-0.013" (0.023-0.033 cm)                               |
| Cap            | Standard   |
| Filter         | 60 Mesh SST  |
| Air Pressure   | 100 psi (69 bar) AA<br>2,000-2,500 psi (138-172 bar) Airless |
| Fluid Hose     | 3/8" SST Teflon  |
| Fluid Pressure | 1000-1500 psi (69-103 bar) AA                                |

#### Product Clean-up:

Use water to clean up tools and overspray.

### STORAGE AND PACKAGING

VpCI®-373 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk. Do not let the product freeze.

**FOR INDUSTRIAL USE ONLY**  
**KEEP OUT OF REACH OF CHILDREN**  
**KEEP CONTAINER TIGHTLY CLOSED**  
**NOT FOR INTERNAL CONSUMPTION**  
**CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

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