



## 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 (26 m <sup>2</sup> /l @ 12.5 microns)
Density	9.7-10.1 lb/gal (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	35-50%
Theoretical Spread Rate	1054 ft <sup>2</sup> /gal @ 0.5 mils DFT (26 m <sup>2</sup> /l @ 12.5 microns)
Density	8.5-8.6 lb/gal (.97-1.03 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 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 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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