



## HIGH PERFORMANCE VpCI® COATINGS

# VpCI®-395



### PRODUCT DESCRIPTION

VpCI®-395 is a waterborne epoxy primer that provides excellent adhesion, humidity and long-term corrosion protection to steel and aluminum. VpCI®-395 differs from other epoxy primers by minimizing long-term embrittlement and removing fast dry time (20-30 minutes to completely dry) as well as excellent corrosion resistance. Testing shows VpCI®-395 outperforms comparable epoxies by up to 20%. Its water-based formulation makes it easier to comply with environmental regulations governing solvents and VOC limits. Clean up is easy by using soap and water.

### FEATURES

- Provides long-term corrosion resistance in a corrosive atmosphere
- Water-reducible
- VOC compliant
- Fast drying
- Excellent adhesion

### MIXING

Mix 4.5 parts of Part A to 0.5 parts of Part B. Mix until a uniform coating is obtained. After mixing, do not apply paint for at least 30 minutes.

The pot life of VpCI®-395 is approximately 4 hours at 75°F (24°C). This value may change depending upon the temperature and size of the batch.

Water should be used for dilutions. Care should be taken since the viscosity may drop rapidly.

### APPLICATION

VpCI®-395 may be applied by spray or brush. A film thickness of 1.5 mils (37 microns) or greater is recommended. The coating dries in about 20-30 minutes. However, it takes approximately one week before VpCI®-395 is fully cured. Top coats can be applied between 30 minutes and 4 hours after the primer is applied, depending upon the type of top coat and drying conditions.

### METALS PROTECTED

- Carbon steel
- Stainless steel
- Cast iron
- Aluminum alloys

### TYPICAL USES

- Structural steel
- OEM primer
- Solvent resistant zones
- Areas of acid fume attack
- Equipment overhauls

### TYPICAL PROPERTIES

#### Part A

Appearance	Light gray liquid
Non-volatile Content	62-68%
Shelf Life	12 months (room temp.)
Density	11.8-12.2 lb/gal (1.41-1.46 kg/l)
Flash Point	>248°F (120°C)
pH	6.6-7.8 (Neat)
Viscosity	2800-3500 cps



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Environmentally Safe VpCI®/MCI® Technologies

**Part B**

Appearance	Hazy yellow liquid
Non-volatile Content	50-55%
Shelf Life	12 months (room temp.)
Density	8.6-9.0 lb/gal (1.03-1.08 kg/l)
Flash Point	129°F (54°C)
Viscosity	1200-1700 cps

**Mixed Properties**

Density	9.5 lb/gal (1.14 kg/l)
Flash Point	>248°F (>120°C)
VOC	1.3 lb/gal (156 g/l)
Recommended Film Thickness	1.5-3 mils (37.5-75 microns)
Dry Time (Tack-free)	20-30 minutes @ 2 mils (50 microns)
Recoat	30 min. and 4 hr.
Pot Life	4 hours @ 75°F (24°C)
Humidity Resistance	2000-4000 hr. (2-2.5 mils/50-62.5 microns on carbon steel)
Salt Spray Resistance	800-1,200 hr. (2.5 mils/62.5 microns on carbon steel)

**PACKAGING AND STORAGE**

VpCI®-395 (parts A and B) is available in five gallon (19 Liter) kits [4.5 gallons Part A (17 L) / 0.5 gallons Part B (2 L)]. Do not allow product to 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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