



## HIGH PERFORMANCE VpCI® COATINGS

# VpCI®-397



### PRODUCT DESCRIPTION

VpCI®-397 is a high temperature aluminum water-borne silicone coating that provides excellent corrosion resistance on metal substrates. VpCI®-397 will dry tack free at room temperature to a <6B hardness (Soft). The coating should be cured at 500°F (260°C) for two hours, resulting in an extremely hard film - 9H.

### FEATURES

- Heat stability to 1100°F (593.3°C)
- 600 hour salt spray resistance
- 9H pencil hardness
- 200 double rub MEK resistance with no effect
- Brilliant aluminum appearance
- No hard settling of aluminum

### TYPICAL APPLICATIONS

- Automotive industry
- Power generation
- Aviation
- Off shore drilling, etc

VpCI®-397 should be thoroughly mixed prior to use. Apply by spray or dip.

### TYPICAL PROPERTIES

Appearance	Aluminum liquid
Dry time	20 min. at 1 to 2 mils (25 to 50 microns)
Cure schedule	20 min. air dry 20 min. at 120°F (48.9°C) 60 min. at 212°F (100°C) 30 min. to 2 hours at 500°F (260°C)
Pencil hardness	<6B - Room dry 9H - Cured @ 500°F (260°C)
MEK Resistance	200 Double Rubs - No effect
Density	9.1 to 9.3 lb/gal (1.09 to 1.12 kg/l)
Solids Wt.	41 to 45% at 248°F (120°C) 31 to 33% at 482°F (250°C)
Solids Volume	36.7% at 248°F (120°C)
Viscosity	250 to 350 cps at 6 RPM
VOC	2.04 lbs/gal (0.25 kg/l)

### LIMITATIONS

Use coating up as soon as possible. Waterborne coatings that contain aluminum have limited shelf life. Vent all containers using VpCI®-397.

### PACKAGING

VpCI®-397 is available in 5 gallon (19 liter) plastic pails, and 55 gallon (208 liter) plastic drums. Keep this package from freezing.



**CORTEC**  
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

**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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