



## HIGH PERFORMANCE VpCI™ COATINGS

# CorShield® VpCI™ Strippable Coating



### PRODUCT DESCRIPTION

CorShield® VpCI™ Strippable Coating is a water-based, non-flammable temporary coating that can be easily removed without the use of paint strippers or cleaners. The unique combination of water-based acrylic polymers, Vapor phase Corrosion Inhibitors (VpCI™s) and a thixotropic thickeners provides excellent barrier, surface and corrosion protection. CorShield® VpCI™ Strippable Coating is ideally suited for use on bare metal, painted surfaces, and in applications where surface protection and corrosion inhibition are necessary.

Designed for use as a fast-drying, temporary coating for parts and equipment, CorShield® VpCI™ Strippable Coating is resistant to sagging and running while remaining non-flammable and environmentally friendly. CorShield® VpCI™ Strippable Coating is a clear coating that can be tinted in a variety of custom colors.

### SUGGESTED USES

- Protection of clean metal surfaces for storage or shipment
- Protection of painted surfaces from physical damage during storage or shipping

- Paint booths
- Tooling
- Highly polished metal surfaces

### FEATURES

- Does not leave residual contamination
- Water-based, non-flammable
- Near zero VOC, contains no co-solvent
- Prevents corrosion /oxidation of metals
- Provides multimetal protection
- Temporary coatings for any outdoor conditions
- Fast drying
- Nice smooth appearance
- Available in different colors
- Ease of application and clean-up
- Requires no solvent or paint removers
- Simple to dispose off as a solid waste

### LIMITATIONS

Since strippability depends on application conditions and the type of surface to be protected, testing may be required prior to use.

- Use 2 coats on porous surfaces
- Use 2 coats for medium to long term outdoor protection

### TYPICAL APPLICATION

CorShield® VpCI™ Strippable Coating is supplied as a milky liquid which can be applied by spray, brush, roll or dip.

Applications include:

- Automotive body and frame
- Steel sheets
- Small parts
- Transit coatings

CorShield® VpCI™ Strippable Coating can be used in one or two coats.

To achieve good strippability, the recommended thickness per coat should not be less than 2-mils (50 microns).



## METALS PROTECTED

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

## TYPICAL PROPERTIES

Appearance	Light beige viscous liquid
Coverage at 1 mil (25 micron)	730ft <sup>2</sup> /gal (17.9m <sup>2</sup> /l)
Dry Film thickness (per coat)	2.0 – 2.5 mils (50 – 62.5 microns)
pH	8.5 – 9.5 (neat)
Non-volatile content	42-48%
Solids by volume	44-47%
Viscosity	100-1000 cps
Density	8.4 – 8.6 lb/gal (1.00 – 1.03kg/l)
Dry to touch time	30-45 min at 75°F (24°C)
Dry to re-coat time	1-2 hr at 75°F (24°C)
VOC (ASTM D-3960)	0.75 lb/gal (.89kg/l)

## Test Data

Humidity chamber (ASTM D-1748)	500 hr
Outdoor Exposure (2 coats)	1500 + hr

## PACKAGING AND STORAGE

CorShield® VpCl™ Strippable Coating is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums. CorShield® VpCl™ Strippable Coating should be stored in a heated warehouse to avoid freezing. Shelf life is up to 12 months.

## 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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