



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 thickener 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 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	Viscous liquid, various colors
Coverage	269-336 ft ² /gal @ 2-2.5 mils (6.7-8.4 m ² /l @ 50-62.5 microns)
Dry Film thickness (per coat)	2.0 – 2.5 mils (50 – 62.5 microns)
pH	9.0-9.9 (neat)
Non-volatile content	42-48%
Solids by volume	44-47%
Viscosity	100-1800 cps
Density	8.4 – 8.9 lb/gal (1.00 – 1.06 kg/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 Regulatory	0.6-0.7 lb/gal (71.9-83.9 g/l)
VOC Actual	0.4-0.5 lb/gal (47.9-59.9 g/l)

Test Data

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

PACKAGING AND STORAGE

CorShield VpCI Strippable Coating is available in 5 gallon (19 liter) plastic pails and 55 gallon (208 liter) metal drums. CorShield VpCI 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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