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

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>Viscous liquid, various colors</td>
</tr>
<tr>
<td>Coverage</td>
<td>269-336 ft²/gal @ 2-2.5 mils (6.7-8.4 m²/l @ 50-62.5 microns)</td>
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<tr>
<td>Dry Film thickness (per coat)</td>
<td>2.0 – 2.5 mils (50 – 62.5 microns)</td>
</tr>
<tr>
<td>pH</td>
<td>9.0-9.9 (neat)</td>
</tr>
<tr>
<td>Non-volatile content</td>
<td>42-48%</td>
</tr>
<tr>
<td>Solids by volume</td>
<td>44-47%</td>
</tr>
<tr>
<td>Viscosity</td>
<td>100-1800 cps</td>
</tr>
<tr>
<td>Density</td>
<td>8.4 – 8.9 lb/gal (1.00 – 1.06 kg/l)</td>
</tr>
<tr>
<td>Dry to touch time</td>
<td>30-45 min at 75°F (24°C)</td>
</tr>
<tr>
<td>Dry to re-coat time</td>
<td>1-2 hr at 75°F (24°C)</td>
</tr>
<tr>
<td>VOC Regulatory</td>
<td>0.6-0.7 lb/gal (71.9-83.9 g/l)</td>
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<tr>
<td>VOC Actual</td>
<td>0.4-0.5 lb/gal (47.9-59.9 g/l)</td>
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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

LIMITED WARRANTY

Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose. In no case shall Cortec Corporation be liable for incidental or consequential damages.

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