**PRODUCT DESCRIPTION**

CorShield® VpCI™ Strippable Coating-White 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-White is resistant to sagging and running while remaining non-flammable and environmentally friendly.

**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-White is supplied as a white 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) DFT.
METALS PROTECTED
• Carbon steel
• Stainless steel
• Cast iron
• Aluminum and alloys

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White liquid</td>
</tr>
<tr>
<td>Coverage at 1 mil (25 micron)</td>
<td>730 ft²/gal (17.9 m²/l)</td>
</tr>
<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 – 10.0 (neat)</td>
</tr>
<tr>
<td>Non-volatile content</td>
<td>48–52%</td>
</tr>
<tr>
<td>Solids by volume</td>
<td>44–47%</td>
</tr>
<tr>
<td>Viscosity</td>
<td>500–1800 cps</td>
</tr>
<tr>
<td>Density</td>
<td>8.8 – 9.4 lb/gal (1.05 – 1.12 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 (ASTM D-3960)</td>
<td>0.75 lb/gal (.89 kg/l)</td>
</tr>
</tbody>
</table>

Test Data

<table>
<thead>
<tr>
<th>Condition</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity chamber (ASTM D-1748)</td>
<td>500 hr</td>
</tr>
<tr>
<td>Outdoor Exposure (2 coats)</td>
<td>1500 + hr</td>
</tr>
</tbody>
</table>

PACKAGING AND STORAGE

CorShield® VpCI™ Strippable Coating-White is available in 5 gallon (19 liter) plastic pails, 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.

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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