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**Attention: Editor**  
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**PRESS RELEASE**



## Cortec® Simplifies Equipment Protection with VpCI®-391 Clear Water-Based Removable Coating

Cortec's VpCI®-391 water-based coating is transforming transit and storage protection options for equipment manufacturers, suppliers, and owners. This removable coating delivers exceptional corrosion protection for indoor and outdoor applications and dries to a thin, clear film which is virtually unnoticeable. VpCI®-391 can be used to protect both unpainted and painted surfaces, as well as to prevent dissimilar metal corrosion.



The biggest advantage of VpCI®-391 is that, as a water-based coating, it is much easier to use and clean up than solvent-based systems. It can be easily removed from equipment or structures using alkaline cleaners—however, this is not always necessary because of the coating's clear non-tacky appearance. These characteristics make VpCI®-391 an excellent alternative to applying traditional thick heavy waxy or greasy products

like COSMOLINE® or Tectyl®,\* which are messy to use, difficult to remove, and do not leave a clean appearance.

VpCI®-391 protects metals from corrosion in many indoor and outdoor storage or transit applications. It is used in some of the toughest climates in the world, including industrial and offshore environments. Typical applications include the following:

- Heavy Equipment
- Machinery
- Vehicles
- Piping
- Structural Steel



VpCI®-391 is gaining popularity with manufacturers who have found it to be an excellent option for transit protection of newly made equipment. Before shipment, manufacturers can spray VpCI®-391 over door handles, hydraulic connections, wheel hubs, chassis, or anywhere they have noticed a tendency for corrosion. VpCI®-391 has been used to safely transport fire trucks, heavy equipment, and complex oil rig equipment, as well as to protect pipes and equipment from deterioration in outdoor storage yards.



VpCI®-391 is a single component system with no mixing required. It can be applied via spray, brush, roll, or dip. VOCs are less than 0.5 pounds per gallon (48 g/L). The coating goes on white and dries clear, or it can be tinted to a specific color if desired. VpCI®-391 does not harm plastic, so overspray on plastic components is not a concern.

To spread the word about this increasingly popular water-based removable rust preventative coating, Cortec® has released a brand-new handout on VpCI®-391. This helpful resource presents the main features and benefits of VpCI®-391 in a simple, straightforward, and attractive format.


To view the information sheet, please visit:

[https://www.corteccoatings.com/wp-content/uploads/2018/11/VpCI-391\\_Coating\\_Sell\\_Sheet\\_11-2018.pdf](https://www.corteccoatings.com/wp-content/uploads/2018/11/VpCI-391_Coating_Sell_Sheet_11-2018.pdf)

To learn more about VpCI®-391, please visit:

<https://www.cortecvci.com/Publications/PDS/VpCI-391.pdf>

*\*Tectyl is a registered trademark of DAUBERT CHEMICAL COMPANY, INC. and POTOMAC CHEMICAL COMPANY, INC. All rights reserved. COSMOLINE is a registered trademark of HOUGHTON TECHNICAL, INC. All rights reserved.*



**CORTEC**  
CORPORATION  
Environmentally Safe VpCI/MCI Technology


**VpCI®-391 Water Based Temporary Coating**

**DESCRIPTION**

VpCI®-391 is a fast drying, metal based temporary coating that provides protection in harsh, outdoor, unattended applications. Provides multi-metal protection. Excellent UV resistance. Can be matched for some custom colors. Provides a non-leaky film. Use of VpCI®-391 on weld joints does not negatively impact weld integrity or mechanical properties of the weld. It can be used to keep surface corrosion free prior to welding.

**PACKAGING & STORAGE**

VpCI®-391 is available in 5 gallon (19 liter) pails, 50 gallon (208 liter) metal drums, liquid totes, and bulk. Keep product from freezing. Product shelf life is 1 year.



**CHARACTERISTICS/TECHNICAL DATA**

Volume Solids	34.40%
Gloss (ASTM D532)	NA
VOCs (ASTM D3960)	0.4 lb/gal (149 g/l)
Density	1.055 g/cm <sup>3</sup> (65.0 lb/gal)
Pencil Hardness (ASTM D3363)	NA
Spreading Rate	551 sq/ft/gal @ 1.0 mils DFT 113.3 sq/m <sup>2</sup> @ 25 µm
Weight per Gallon	8.37 kg/gal (1.90 kg/l)
Dash Value	2.25" (57.15 mm)
Recommended DFT	1.6-3.0 mils (25-75 µm)
Disrecommended WFT	2.8-3.75 mils (71-95 µm)
Dry to Touch	30-60 min
Dry to Handle	1-2 hrs
Discard Time	NA
Force Dry	15-20 min @ 150°F (65°C)
Dull Coat	2-3 days
Salt Spray (ASTM B117)	250 hrs
Humidity (ASTM D1740)	1400 hrs
Adhesion (ASTM D3959)	NA
Health (ASTM D522)	1/2" mandrel (1.27 cm)

\*All tests performed after a 7 day cure at ambient temperature

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.

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