

Editorial Contact:
Cortec® Advertising Agency:

Shannon Garrow
(651) 429-1100 Ext. 128

sgarrow@cortecvci.com

Company Contact:
Cortec® Corporation

Cliff Cracauer
(651) 429-1100 Ext. 181

ccracauer@cortecvci.com

Technical Contact:
Cortec® Corporation

Eric Uutala
(651) 429-1100 Ext. 189

euutala@cortecvci.com



Attention: Editor

March 16, 2016

PRESS RELEASE



Cortec's CorShield® VpCI®-148 Oil And Grease Resistant Paper Powered By Nano-VpCI™ Solves Corrosion Problem Of Leading German SUV Manufacturer!

CorShield® VpCI®-148 is a grease resistant corrosion inhibiting paper powered by Nano VpCI™! In addition to protecting metal parts from corrosion during shipment, it is specially designed not to fail in the presence of oil and grease. The paper can simply be wrapped around the metal part being shipped or stored, placing the green tinted Nano VpCI™ coated side toward the metal and the glossy grease resistant side out. The part will then be protected from corrosion even if grease or process oils remain on the metal.



CorShield® VpCI®-148 rolls, 2.5 meter wide being shipped to customer's plant. Cortec® was the only supplier capable of producing rolls of paper 2.5 meters wide due to the size of SUV bodies wrapped.



Recently, CorShield® VpCI®-148 was effectively customized for a leading German automotive manufacturer of SUVs. The customer's SUV frames had been wrapped in VCI polyethylene film for shipment overseas. But when the frames arrived at their destination, they were spotted with tarnish and corrosion where process oil had eaten through the protective polyethylene film. This caused

the frames to be rejected. The shipping process would not allow the removal of the processing oil, so the customer required a solution that would protect the frames from tarnish and corrosion even in the presence of oil.

Rising to the challenge, Cortec® created 2.5-meters-wide rolls of CorShield® VpCI®-148 Oil and Grease Resistant Paper to wrap around the SUV frames before shipping them worldwide to assembly plants. The oil resistant paper eliminated tarnish spots and corrosion by providing an innovative corrosion protection solution that did not interfere with the required process oil. Cortec® was the only supplier capable of producing Nano VpCI™ coated paper that was large enough to wrap the SUV frames in order to protect them from tarnish and corrosion during shipping.



Unlike wax or polycoated papers, which contribute to environmental problems, CorShield® VpCI®-148 contains a biobased coating and is fully recyclable and repulpable. It is made from neutral natural Kraft paper and is free of fluorochemicals, nitrites, phosphates, silicones, chromates, and other heavy metals - providing an environmentally friendly alternative to traditional grease resistant papers.

CorShield® VpCI®-148 can protect both dry and oiled metals from corrosion under humid, SO₂, and H₂S conditions during storage or shipment. It is capable of protecting dissimilar metals from galvanic corrosion and is also effective on the following metals:

- Carbon Steel
- Stainless Steel
- Galvanized Steel
- Cast Iron
- Aluminum Alloys
- Copper
- Brass (≤ 30% Zn)
- Solder



With its grease resistance and wide range of customizable sizes, CorShield® VpCI®-148 is an excellent choice for protecting oily parts—large or small—during shipping or storage. Where other film fails, CorShield® VpCI®-148 Paper provides the needed grease barrier and VpCI® protective shield combination to protect even large and greasy parts from tarnish and corrosion.

Cortec® CorShield® VpCI®-148 conforms to TAPPI T-410, TAPPI T-411, TAPPI T-454, TAPPI UM-557, ASTM D 1922-94A, ASTM 882, and ASTM D 3420-95B.

Find out more about CorShield® VpCI®-148 and other packaging solutions here:

<http://www.cortecpackaging.com/>

Need a High-Resolution Photo? Please Visit: www.cortecadvertising.com

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.

Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122