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PRESS RELEASE



Premium Nitrite-Free Corrosion Inhibiting Paper Now a USDA Certified Biobased Product!

Cortec® Corporation is pleased to announce that the industry's premium corrosion inhibiting paper, CorShield® VpCI®-146, is now a USDA Certified Biobased Product! Recent test results show that VpCI®-146 contains 92% biobased content, surpassing the minimum 53% biobased content required for federal agencies and their contractors purchasing corrosion preventatives under the mandatory federal purchasing initiative of the USDA BioPreferred® Program.*



"We applaud Cortec® Corporation for earning the USDA Certified Biobased Product label," said Kate Lewis, USDA BioPreferred® Program. "Products from Cortec® Corporation are contributing to an

ever-expanding marketplace that adds value to renewable agriculture commodities, creates jobs in rural communities, and decreases our reliance on petroleum."



VpCI[®]-146 is among the most sustainable and user-friendly methods of VCI packaging available today. Made from plant-based resources and coated with a water-based VpCI[®] coating, VpCI[®]-146 is naturally biobased and fully recyclable/repulpable. Unlike many VCI papers on the market, VpCI[®]-146 does not contain nitrites. It is extremely easy to use, and both sides offer effective corrosion protection—just wrap your products in the paper and fold the edges together, taping as needed to hold paper folds in place.

VpCI[®]-146 provides corrosion protection by releasing Vapor phase Corrosion Inhibitors that form a very thin and effective protective layer on metal surfaces within the enclosed package. The film does not alter product appearance or require removal before further finishing or use. The VpCI[®] protective layer also does not influence physical properties of most sensitive electrical components, including conductivity and resistance. VpCI[®]-146 protects against aggressive environments including humidity, SO₂, H₂S, and galvanic corrosion from dissimilar metals.

VpCI[®]-146 provides multi-metal protection for

- Carbon steel
- Stainless steel
- Galvanized steel
- Cast iron
- Aluminum alloys
- Copper
- Brass ($\leq 30\%$ Zn)
- Solder



VpCI®-146 can be used to protect products for storage and shipment in a wide variety of ways: single item packaging or interleaving, end closures for shipping tubes, insert strips for recessed areas in large packages, and as sheet liners or separators between products. Good places to use VpCI®-146 for corrosion protection include the following:

- Metal production: coils, wire reels, plate, bar, etc.
- Metal forging and die casting: raw and machined forgings and castings
- Metalworking: bearings, fasteners, tubes, pipes, nails, musical instrument strings, etc.
- Finished products: engines, machinery tools, motors, appliances



CorShield® VpCI®-146 combines corrosion protection, user-friendliness, and sustainability into one effective, easy packaging solution and is an excellent place to start the search for a metals packaging solution.

Learn more about CorShield® VpCI®-146 by visiting:

<https://www.cortecvci.com/Publications/PDS/VpCI-146.pdf>

Learn more about Cortec® packaging solutions by visiting:

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

**For more information about the BioPreferred® Program, please visit:*

<https://www.biopreferred.gov>



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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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