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PRODUCT RELEASE



Save Time and Reduce the Use of Additional Materials and Cost with:

VpCI®-277 – Biobased, Ready to Use Rust Preventative to Preserve Metals During Storage and Transport

VpCI®-277, a ready-to-use dry film rust preventative especially designed for preserving metals during storage and transportation. VpCI®-277 combines film-forming additives with Vapor phase Corrosion Inhibitors to

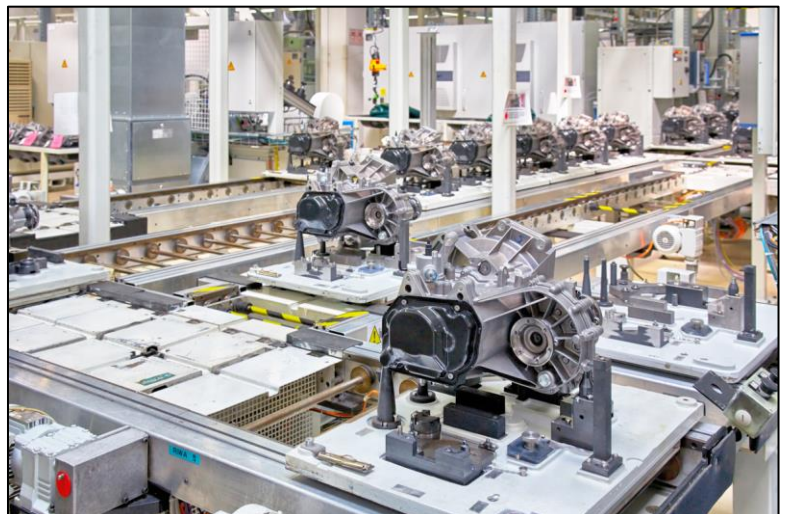


provide excellent multi-metal corrosion protection. It is ideal for robotic assembly of precision components requiring tight tolerances and helps maintain a clean preservation process through absence of oily residue without containing chlorinated compounds, chromates, or nitrites. After major automotive manufacturer used Cortec's VpCI® products to protect parts during temporary storage and overseas shipping, they were very pleased with the protection achieved by applying a tenacious VpCI® film to the metal parts. However, they needed a rust preventative with a drier film and a low VOC that would also meet their solvent-based specification. Cortec® R&D solved the problem by developing VpCI®-277, a rust preventative containing a biobased corrosion inhibitor in a non-flammable, low VOC solvent carrier.



VpCI®-277 can provide corrosion protection for up to two years of indoor storage or during domestic or international shipments when combined with VpCI® packaging materials. The product leaves a dry, non-tacky, virtually undetectable film on the metal surface.

The use of rust preventatives to preserve metals during storage and transportation has traditionally been a hazardous and messy process in which greasy rust preventatives must be applied and removed several times. This is because metal work-pieces risk flash corrosion as they frequently sit in temporary storage awaiting the next step in the manufacturing or assembly process.



Applying a rust preventative protects the parts but often requires an additional step of cleaning before the components can go through the next phase of the process. Cortec's innovative products are able to streamline processes for more efficient manufacturing, assembly, storage, or shipping. The goal is to achieve quality protection while eliminating steps, improving tact time, reducing the use of additional materials and cost.

VpCI®-277, can be applied by spray or dip and left on metal parts during further processing or shipment. It does not require removal by the end user because the undetectable film does not interfere with use of the product in tight tolerances. This is significant as it eliminates the extra step of cleaning, significantly cutting down on labor time and expenses by enabling a more streamlined tooling, storage, and shipment process.



Development of this rust preventative designed for tight tolerances is a nice example of how Cortec® is able to adapt technology to special end-user needs in order to provide the optimal product characteristics for a specific application.



VpCI®-277 conforms to ASTM D1748 (Humidity), ASTM D1735 (Water Fog), MIL-C-83993 (Water Displacement), and NACE RP0487-2000 (Selection of Rust Preventives) standard test methods.

To find out more about VpCI®-277, please visit:

<http://cortecvci.com/Publications/PDS/VpCI-277.pdf>

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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.