

Editorial Contact:
Cortec® Europe Advertising Agency

Ana Juraga
+ 385 (0) 1 4854 595

ana.juraga@ecocortec.hr

Company Contact:
Cortec® Corporation:

Ivana Radic Borsic
+ 385(0) 31 705 011

ivana@cortecvci.com



Attention: Editor

May 20, 2015

PRESS RELEASE



CorShield® VpCI 146 - Environmentally Safe and Economical Replacement for Toxic Nitrite Coated/Impregnated Papers!



Toyota has issued a mandate from their service parts group that no VCI paper containing nitrite will be allowed due to health and handling hazards associated with nitrites that are being banned as corrosion inhibitors in most industrialized countries. Cortec®, the global leader in environmentally friendly VpCI® corrosion protection is the only company in the automotive industry to offer Nitrite free CorShield®VCI/VpCI®-146 paper that complies with various International, Federal and State regulatory requirements.



This high technology Vapor phase Corrosion Inhibiting paper, once again places Cortec® ahead of the competition on the market. Nontoxic, biodegradable CorShield® VpCI®-146 is the premium corrosion inhibiting paper in the industry based on patented (VpCI®) technology that has revolutionized the way metals are protected in an enclosed package. The paper provides superior corrosion protection for both ferrous and non-ferrous metals. Additionally VpCI® 146 is very

economical and eliminates the need for a variety of papers for all different types of metals and alloys. FDA approved CorShield® VpCI®146 is fully recyclable/repulpable and can be recycled into other types of paper products such as boxes, cardboard, and other corrugated materials. The paper does not contain any nitrites, phosphates, silicones, chromates, or other heavy metals.



VpCI® 146 was used for preservation of Indian Navy's Naval Aircraft Engine. After inserting Cortec's VpCI®132 Foam Pads, the entire engine was wrapped with VpCI®146 paper and sealed. By switching to Cortec's method, the navy saved 60 - 70% on current costs and gained a non-hazardous, environmentally friendly solution for long term storage.

CorShield® VpCI®-146 is made from the highest quality neutral natural kraft paper without the use of chlorine or other chemical bleaching. This eliminates package contamination found with other VCI/VPI papers. No calculating of chemical concentrations or maintaining the application system is needed, the product just needs to be wrapped in the paper.

The unique inhibiting action forms a very thin and effective protective layer that does not alter the appearance of products or require removal before further finishing or use. Parts protected with VpCI®146 can be painted, welded, and soldered. The paper's protective layer does not influence physical properties of most sensitive electrical components, including conductivity and resistance.

VpCI®146 paper 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. It protects dry or oiled metals and is very effective against aggressive environments including humidity, SO₂, H₂S, and galvanic corrosion from dissimilar metals.

CorShield® VpCI®-146 is approved for direct contact with food according to Department of Health for Zagreb, Croatia, which is accredited according to European Standard HRN EN ISO/IEC 17025:2004. It conforms to military specifications MIL-PRF-3420, it is tested per FED-STD-101 and is RoHS compliant.

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