Bio-Based Multi-Metal Protection

Cortec presents its VpCI®-148 paper as environmentally friendly, grease resistant, corrosion inhibiting and comprised of bio-based materials. The company says that VpCI is also characterized by:

- The ability to fight corrosion at the molecular level by providing protection with corrosion-inhibiting vapors that condense onto the surface of the product, and form a thin, uniform and effective corrosion-inhibiting layer.
- A bio-based coating that is fully recyclable and repulpable, unlike wax or poly-coated papers, which contribute to environmental problems.
- Construction from natural Kraft paper that is free from fluorochemicals, making it much safer than traditional grease-resistant papers.
- A grease resistance that is the same or better than commercial poly-coated papers as tested according to TAPPI T-454 and UM 557, as well as the capability to resist oils and solvents.
- Freedom from nitrites, phosphates, silicones, chromates and other heavy metals.
- The capacity to prevent package contamination by utilizing only quality materials.
- No chemical concentrations to calculate or application systems to maintain, plus no surface preparation or cleaning required.
- The protection of ferrous and non-ferrous metals, dry or oiled, such as carbon, stainless and galvanized steel, cast iron, copper, solder, aluminum

alloys and brass.
- No need to inventory a variety of papers for each of the metals you need to protect.
- Suitability for the storage and shipment of products that require lubrication, such as single-item packaging or interleaving; sheet liners or separators between products; metalworking; finished products; and metal forging and die casting.
- Conformance to NACE standards TM0208-2008, RP0487-2000, military specification MIL-P-3420, TAPPI-410 and RoHS.

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