

NEWS ALERT

Cortec's Eco-Corr Film[®] Featured in BioPlastics Magazine.



Green Corrosion Inhibitor Film

Eco-Corr[®] is a biobased and biodegradable film utilizing Cortec's patented VpCI[®] technology. "It is the first 100% biodegradable VCI (Volatile Corrosion Inhibitor) film in the world, initiating a new era for 21st century packaging!" says a press release by Cortec. This highly efficient product provides much better tensile strength, tear resistance and ultimate elongation than low density polyethylene (LDPE) films. It is certified to meet EN 13432 (Europe) and ASTM D6400 (USA), as well as heat and water stable and does not disintegrate or break apart while in use.

Eco-Corr provides contact, barrier and Vapor phase Corrosion Inhibitor (VpCI) protection for up to two years. It provides multimetal corrosion inhibitor protection and is improved replacement for non-degradable and nitrite-based VCI films. Once exposed to soil or compost conditions, this product will disintegrate rapidly and biodegrade completely to CO₂, water and biomass within weeks, without contaminating the soil. It is nitrite and amine free.

Metal parts packaged in Eco-Corr receive continuous protection against salt, excessive humidity, condensation, moisture, aggressive industrial atmosphere and dissimilar metal corrosion. The Vapor phase Corrosion Inhibitors vaporize and then condense on all metal surfaces in the enclosed package. VpCI reaches every area of a package, protecting exposed parts as well as hard to reach interior surfaces against micro-corrosion. This green alternative offers complete protection during storage as well as domestic and overseas shipments.

Once put to use, Eco-Corr will remain effective with regard to mechanical strength until the film is placed in contact with material containing microorganisms, such as certain types of waste, soil, and compost. Eco-Corr meets NACE TM0208-2008 and German TL-8135-002 standards for corrosion protection. **MT**

www.cortecvci.com



High tech equipment packaged in Eco-Corr for export shipments.

Cortec[®] Corporation is a world leader in innovative, environmentally responsible VpCI[®] and MCI[®] corrosion control technologies for the Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Headquartered in St. Paul, Minnesota, Cortec[®] manufactures over 400 products distributed worldwide. ISO 9001 & ISO 14001:2004 Certified.



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Environmentally Safe VpCI[®]/MCI[®] Technologies