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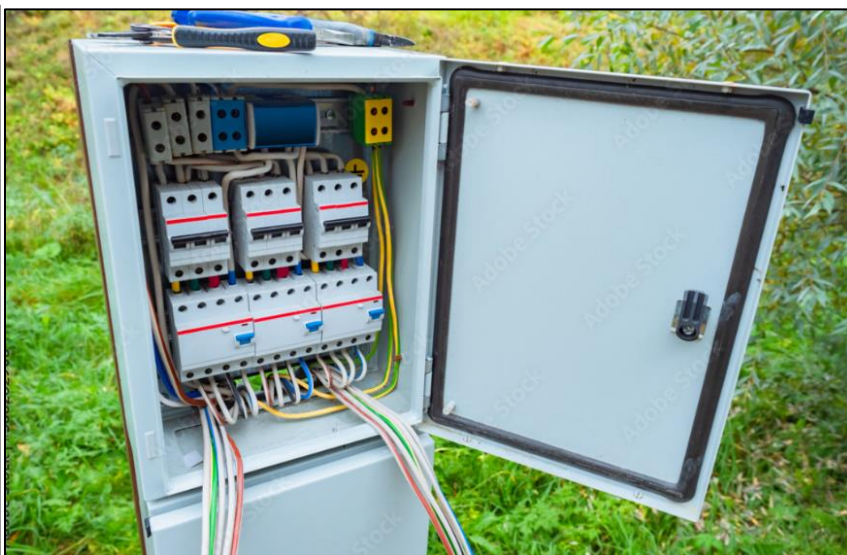
**Attention: Editor**  
**April 08, 2024**  
**PRESS RELEASE**



## Introducing Smart and Safe Biobased Anticorrosion Device:

### BioEmitter®- Keeping Corrosion and Rust at Bay in Enclosed Spaces!

One of the most important missions of Cortec® Corporation, a global leader in the corrosion protection industry, is dedication to environmental responsibility. This commitment is especially demonstrated through company's ever-expanding portfolio of sustainable products. From its range of environmentally-



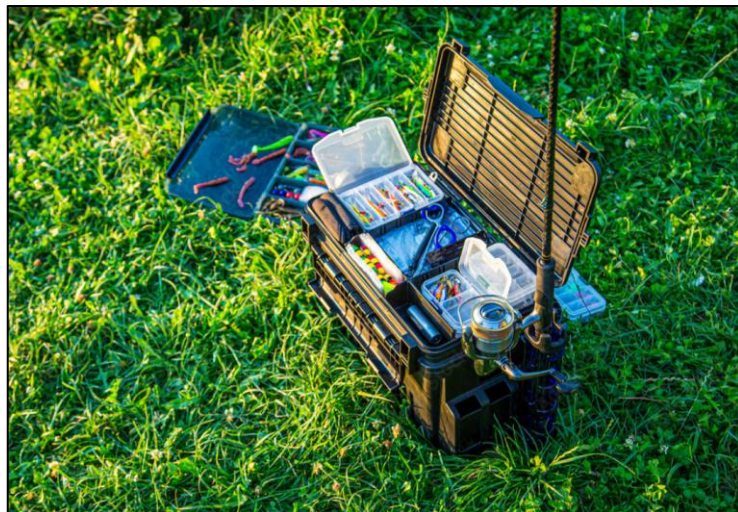
**The green and sustainable BioEmitter® protects a wide variety of metals from the harmful effects of corrosion, including electrical and instrument cabinets of various sizes.**



friendly solutions, Cortec® is introducing BioEmitter®, an innovative corrosion preventative designed with sustainability and user safety in mind. This compact and space saving device is formulated with a high bio-based content and packaged in vented cardboard box for easy hanging. This allows the Vapor Corrosion Inhibitors (VpCI's) to emit while avoiding direct contact between the pad and metal surfaces.

### The VpCI's of BioEmitter®

VpCI's migrate throughout surrounding spaces to form an invisible molecular shield on metal surfaces, sealing off air and moisture. VpCI® molecules automatically protect any metal surfaces that air can reach. BioEmitter® is unique in offering simple yet effective solution for corrosion protection of valuable multi-metal components or parts within enclosed spaces of up to 1.4m<sup>3</sup> (50 cubic feet). It attaches to a clean surface either using the hanging hole on the package or using the 4 removable adhesive patches provided. The emitter will provide powerful protection of various assets for at least a year even in the presence of harsh conditions including salt, moisture, airborne contaminants, H<sub>2</sub>S, SO<sub>2</sub>, NH<sub>3</sub>, and others. The VpCI's of BioEmitter® do not contain nitrites, silicones, phosphates, or heavy metals. They have no negative effects on electrical or chemical properties and will not harm plastics, elastomers, or painted surfaces. BioEmitter® protects a wide variety of metals including mild and galvanized steel, brass, solder, cast iron, silver, aluminum alloys, magnesium alloys, copper, and copper-nickel alloys.



**Keep your fishing equipment rust-free with this innovative and safe device. VpCI's will automatically protect any metal parts in the box that are exposed to air.**

## TYPICAL APPLICATIONS:

- Electrical and instrument cabinets
- Tool chests, pick-up truck, fishing tackle boxes
- Storage lockers, trailers
- Gun safes and RV storage holds
- Pool pump enclosures, boat storage cabinets

When applying BioEmitter® simply slip the pad out of its package, remove the plastic bag seal, then reinsert the BioEmitter® pad back into the vented cardboard packaging. For applications where spaces larger than 1.4m<sup>3</sup> need corrosion protection just hang multiple BioEmitters in opposite corners of the area that need protection.



## Sustainability as a priority in the production chain and product development



Cortec® continuously makes significant advancements in developing green, biobased solutions from renewable materials. As a multinational VCI/VpCI inhibitor manufacturer, the company offers a range of biobased products for use across multiple industries. Our vision is to provide a wide variety of 'green' corrosion control options and promote the use of sustainable resources for any industry facing metal corrosion. Cortec's team of scientists aimed to develop a flexible, safe, and user-friendly corrosion prevention solution for enclosed spaces, adaptable to various applications. BioEmitter® rust blocker shield is the culmination of brainstorming sessions and continuous efforts to create and produce this intelligent, anti-corrosion device.



**Keywords:** Cortec Corporation, EcoCortec, sustainability, green inhibitors, corrosion protection, , VCI, VpCI, corrosion inhibitors, rust prevention. emitting device, multimetal protection

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