

EcoDevice™ Biobased VpCI® Emitting Device, powered by NANO-VpCI® Patent Pending



*USDA registered under the name BioPad®



PRODUCT DESCRIPTION

EcoDevice is a unique biobased VpCI emitting device constructed from 100% biobased fibers providing an eco-friendly and sustainable option for corrosion protection. These devices are designed to provide corrosion protection for small enclosures such as: tool boxes, control panels, electrical cabinets, instruments and other electronic / electrical enclosures. Each individual EcoDevice protects up to 42 L (1.5 ft³).

EcoDevice is powered by NANO-VpCI, the latest advancement in vapor phase corrosion inhibiting technology. NANO-VpCI emit from the device and saturate the enclosure via diffusion; filling all void spaces and recessed areas with protective vapor molecules. These molecules are attracted to and adsorb onto metallic surfaces resulting in the formation of nanofilms, very thin microscopic molecular layers of corrosion protection. The nanofilms formed do not adversely affect or alter the appearance, conductivity, mechanical integrity, or optical functionality of the components protected.

Cortec's EcoDevice meets military specification MIL-B-22110 B for vapor phase corrosion inhibitor.

TYPICAL APPLICATIONS

- Operating, packaged, and stored electrical equipment
- Marine navigation and communication equipment
- Aerospace electrical controls
- Electric motors
- Switching equipment

- Fuse boxes and power boxes
- Medical equipment
- Electrical wireways and terminal boxes
- Scientific and measuring instruments
- Telecommunications equipment and remote electronic devices
- Hand-held battery-operated devices
- Tool boxes, parts storage, and other containers holding metals

FEATURES

- Constructed from 100% biobased fibers
- Contains no isocyanates
- Economical to use
- Convenient to install
- Provides multimetal corrosion protection
- Free of nitrites and chromates
- Effective in polluted and humid environments
- Compact and space saving
- Does not interfere with electrical, optical, or mechanical performance

METHOD OF APPLICATION

EcoDevice is simple and easy to install. The devices should be installed as early as possible, preferably during manufacturing or assembly, to avoid the onset of corrosion. Simply select a space within any enclosure where corrosion protection would be beneficial. Verify that the surface on which the device will be installed is clean and free of debris. Peel off the release liner from the back of the device and affix it to the clean surface. For volumes greater than 42 L (1.5 ft³) use more than one device or consult a Cortec representative for product recommendation. Each device will provide corrosion protection up to 2 years from installation; however, if the enclosure is not airtight or if the access doors are opened frequently, replace the EcoDevice more often.

SPECIFICATIONS

Appearance: Off-white nonwoven device with adhesive backing
Standard size: 7.62 cm x 3.175 cm (3" x 1.25")
Packaging: 50 individually wrapped devices per carton
Protection: 42 L (1.5 ft³) per device

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY SEALED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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