



CORROSION INHIBITING VpCI® POWDERS

BioPouch™ Powered by Nano-VpCI®, Patented US #8,795,589



PRODUCT DESCRIPTION

BioPouch is a revolutionary “green” Vapor phase Corrosion Inhibitor (VpCI) for protection of metal parts in a non-ventilating space. BioPouch is powered by a NANO-VpCI primarily made from agricultural byproducts. It is the latest advancement in vapor phase corrosion inhibiting technology. NANO-VpCIs emit from the pouch 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 a nano protective barrier layer. Studies have shown the ability for VpCI molecules to provide protection in the presence of corrosive species, (i.e. chlorides, moisture, sulfides) and displace them at the metal surface.

BioPouch provides an extremely efficient and easy method to protect metals within an enclosed space. In case a nano protective layer is disturbed by moisture or opening of an enclosed space, the layer is replenished by continuous vapor re-deposition.

FEATURES

- The Nano-VpCI is made from enhanced renewable agricultural byproducts
- Vapor phase inhibiting action protects inaccessible and recessed surfaces
- Continuous protection for up to 24 months
- Effective in polluted and humid environments
- Does not interfere with electrical, optical, or mechanical surface properties
- Multimetal protection
- Quick and easy application
- Non-toxic and safe to handle
- Free of nitrites, halogens, and phosphates
- Compact, space-saving, and unobtrusive
- No spraying, wiping, or dipping required
- Protection during operation and shutdown
- Tested according to NACE TM0208-2008
- Conforms to RoHS guidelines, testing underway

METHOD OF APPLICATION

BioPouch can be used for multimetal protection in any enclosed space. Each BioPouch protects up to 1m³ of enclosed space. Determine the number of pouches required based upon the volume of space needing protection. Evenly distribute pouches throughout the space and close or seal the enclosure.

Specification:

Pouch Dimensions	6" x 7" x 0.5" (15.3 cm x 17.8 cm x 1.3 cm)
Protection	Up to 1m ³ (35 ft ³)
Packaging	50 per carton

PACKAGING AND STORAGE

BioPouch is packaged in cartons of 50 units. Do not store in conditions above 150°F (65°C). Close the inner bag between uses. The shelf life of unopened cartons of BioPouch is up to 24 months.



FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT SAFETY DATA SHEET FOR MORE INFORMATION

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