



EcoPouch



PRODUCT DESCRIPTION

EcoPouch contains VpCl[®]-609 powder for corrosion protection of ferrous metals and aluminum. The pouches are constructed from breathable Tyvek[®]*, which allows the VpCl molecules to be emitted through the membrane, and form a molecular layer on metal surfaces providing corrosion protection.

EcoPouch is easy to use: there are no chemical concentrations to calculate and no need for special equipment for application; just determine the number of pouches required per unit space. EcoPouch provides a clean method for corrosion protection.

EcoPouch is available as individually cut pouches, and each pouch protects up to 1m³. Custom sizes and constructions are also available.

*Tyvek[®] is a registered trademark of DuPont[™]

FEATURES

- Creates inhibiting layer on metal surface
- Provides continuous long term protection for various applications
- Does not contain nitrites, phosphates, or heavy metals

ADVANTAGES

- Vapor-phase inhibiting action protects inaccessible and recessed surfaces
- Protected products can be shipped directly to customers; no need to remove protective VpCl film after arrival, just remove pouch
- If the VpCl layer is disturbed by moisture or the opening of an enclosed space, the layer is replenished by continuous vapor redeposition
- Little or no surface preparation is required
- Prevents future corrosion of precoated and painted surfaces
- Clean and easy to use

TYPICAL USES

- Tubular structures, pipes, and vessels
- Internal surfaces of compressors, turbines, engines, tanks, boilers, heat exchangers
- Steam condensate lines, closed circuit heating, and cooling systems
- Corrosion protection of equipment after hydrostatic testing
- Parts, components, and completed assemblies during shipping and storage
- Voids, cavities, and tanks
- Double bottom storage tank floors



TOXICOLOGICAL TESTING RESULTS

of VpCI®-609

(Performed by Nortech A.S. (Norway))*

- Biodegradability: 100% biodegradable in marine environment, rapidly degradable substance (OECD** 306, BOD 28 Marine test)
- Toxicity: Very low (Algae test EC-50=240 mg/L)
- Bioaccumulation potential: none (OECD Guideline 117)

*Testing performed in accordance with Oslo-Paris commission protocol

**Organization for Economic Co-Operation and Development

TYPICAL PROPERTIES

Form: Tyvek breathable pouch
Appearance: White with green printing
Dimensions: Each pouch is 6" W x 10" L x 0.5" H
(15.3cm x 25.4cm x 1.3cm)

METALS PROTECTED

- Carbon steel
- Mild steel
- Stainless steel
- Other ferrous metals
- Aluminum

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

METHOD OF APPLICATION

Determine the number of pouches required based upon the volume of space needing protection. Each pouch protects up to 1m³ (35 ft³). Evenly distribute pouches throughout the space and close or seal.

Custom sizes and constructions also available. Please contact a Cortec Representative for more information.

PRECAUTIONS

Do not use on copper, copper-based alloys, and other soft yellow metals. Compatibility with non-metals should be evaluated.

PACKAGING AND STORAGE

EcoPouches are available as 50 units per carton. Do not store in conditions above 150°F (65°C). Close cartons between uses. The shelf life of unopened cartons of EcoPouches is up to 24 months.

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4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
Internet <http://www.CortecVCI.com>

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