VpCI®-309 Pouch
Corrosion Inhibiting VpCI® Pouch for Ferrous Metals

PRODUCT DESCRIPTION
VpCI-309 Pouch contains a Vapor phase Corrosion Inhibitor (VpCI) powder for corrosion protection of ferrous metals in recessed areas, interior cavities, and voids. The pouches are constructed from breathable *Tyvek®, which allows the VpCI molecules to be emitted through the membrane and form a molecular layer on metal surfaces providing corrosion protection.

VpCI-309 pouch 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. VpCI-309 Pouches provide a clean method for corrosion protection.

VpCI-309 Pouch provides an extremely efficient dry method to protect metals within an enclosed space. The VpCI vaporizes and adsorbs on all metal surfaces reaching all exposed areas including recessed sections and interior cavities.

VpCI-309 Pouches are available as individually cut pouches and each pouch protects up to 1m³. Custom sizes and constructions are also available.

FEATURES
• Does not contain silicates, phosphates, nitrites, or heavy metals
• Provides up to 24 months of continuous protection
• Vapor phase inhibiting action protects inaccessible and recessed surfaces
• If the VpCI layer is disturbed by moisture or opening the enclosed space, the layer is replenished by continuous vapor redeposition
• Protected products can be shipped to customers without removing protective VpCI film
• Prevents further corrosion of pre-coated and painted surfaces
• Clean and easy to use
• Provides protection to ferrous metals only
• LD₅₀ ORAL: 2100mg/kg of body weight (rat)

TYPICAL APPLICATIONS
• Tubular structures, pipes, vessels, and turbines
• Internal surfaces of compressors, turbines, engines, tanks, boilers, and heat exchangers
• Dry lay-up of closed circuit cooling systems
• Equipment protection after hydrostatic testing
• Parts, components, and completed assemblies during shipping and storage

METALS PROTECTED
• Carbon steel
• Stainless steel
• Aluminum

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 enclosure.

*Tyvek is a registered trademark of DuPont
**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)

**PACKAGING AND STORAGE**

VpCI-309 Pouches 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 VpCI-309 Pouches 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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**LIMITED WARRANTY**

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective.

To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

**Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.**

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