

Experience ultimate corrosion protection with **Sealrust VCI Poly Film** & **Modi VPI Pouch**

#### What is **Modi VPI Pouch**?

- **VPI** stands for **Vapor Phase Inhibitor**
- **Modi VPI Pouch** is made of **breathable textile** filled with **VPI powder**, which is colorless and crystalline
- **Modi VPI Pouch** emits *VPI vapour* which forms monomolecular film on all metal surfaces
- **Modi VPI Pouch** provides hydrophobic protection, repelling moisture - which is a primary catalyst for corrosion
- **Modi VPI Pouch** permeates enclosed spaces, and protects recessed & inaccessible surfaces & interior cavities, from corrosion during long-term storage or shipment through varying climatic conditions
- **Modi VPI Pouch** is a carefully engineered solution designed to complement the protective capability of *VCI Poly Film*
- **Modi VPI Pouch** negates the need for degreasing or polishing, prior to packaging
- **Modi VPI Pouch** does not hinder magnetic or electrical properties of protected components
- **Modi VPI Pouch is eco-friendly**
- **Modi VPI Pouch** is non-toxic and safe for industrial applications

#### Key Properties of **Modi VPI Pouch**

- **Typical appearance:** White to off-white crystals
- **High Purity:** **Modi VPI Pouch** contains **VPI Formulation** with **99% chromatographic purity**, which ensures effective and consistent performance
- **Neutral pH:** With a **pH of 6.9 to 7.2**, **Modi VPI Pouch** is safe for use on ferrous and non-ferrous metals without causing surface damage
- **Specific Gravity:** 0.56
- **Convenient Dimensions:** 60mm x 70mm (Enables easy integration into packaging)
- **Solubility in water:** 15%
- **Flash Point:** 100°C approximately
- **Melting point:** 155°C to 160°C
- **Extended Shelf life (in packed condition):** 8 to 12 months (Ensures long-term usability)



**Modi Polyfab Pvt Ltd / Modi Polymers Pvt Ltd**

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**Synergistic Corrosion Protection: **Sealrust VCI Plastic Packaging Film** Enhanced by **Modi VPI Pouch****

1. **Sealrust VCI (Vapor Corrosion Inhibitor) Plastic Packaging Film** provides excellent barrier & surface protection against corrosion: It releases *vapor-phase corrosion inhibitors* that create an *invisible molecular barrier* on metal surfaces.
2. To achieve ultimate and comprehensive protection against corrosion, particularly for intricate components and during extended storage or shipment, the integration of **Modi VPI Pouch** is highly recommended.
3. **Coverage for Hard-to-Reach Areas:** While **Sealrust VCI Poly Film** covers visible surfaces, the vapors from the **Modi VPI Pouch** reach crevices, holes and complex geometries that are inaccessible to *VCI film*. **Modi VPI Pouch** achieves a *consistent & localised release of protective vapours*, and enables *targeted corrosion inhibition*, for enhanced protection of metal parts.

**Practical Implementation (Easy to use)**

- **Step 1:** Insert one or more **Modi VPI pouches** (without opening the sachet) inside the metal items being packed. Each sachet of **Modi VPI Pouch** protects 1 cubic foot (28 liters) of *enclosed area*. Determine the number of sachets required based on the volume of space needing protection.
- **Step 2:** Wrap the metal item (including **Modi VPI pouches**) completely in **Sealrust VCI Poly Film**.
- **Step 3:** Ensure the package is sealed tightly to retain the vapors emitted by both the **Sealrust VCI Poly Film** and **Modi VPI Pouch**.
- **Benefit:** This setup creates a *multi-layered defense system* that offers a comprehensive and unmatched corrosion prevention of your valuable metal assets, even in most challenging environments.

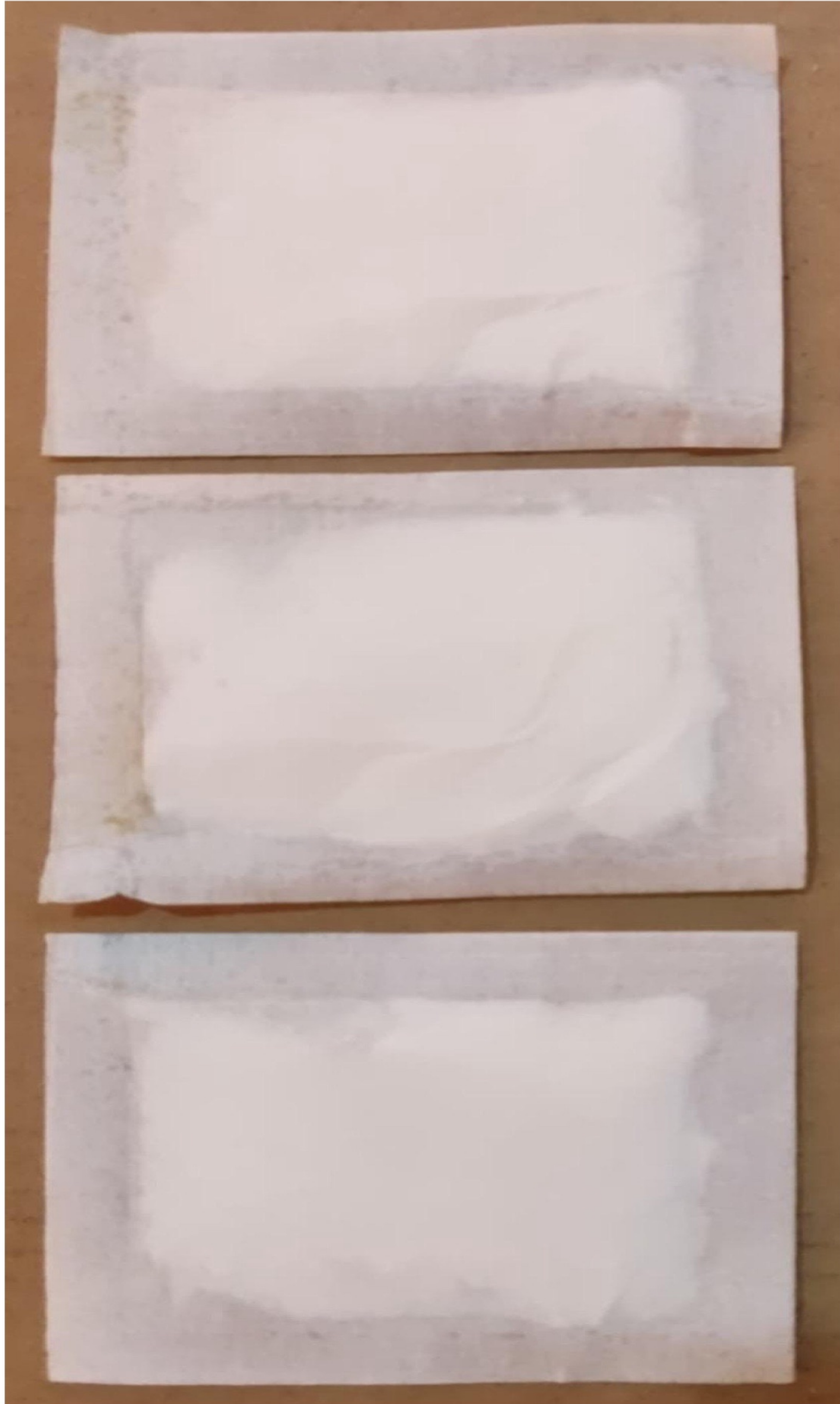


Modi Poly



**MODI**  
VPI POUCH

**Your Anti-Corrosive Protective Shield**



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