



HIGH PERFORMANCE VpCI® PACKAGING

VpCI®-350 pR

PRODUCT DESCRIPTION

VpCI-350 pR is a multimetal Vapor phase Corrosion Inhibiting coating in powder form designed for flexible packaging and corrugated board applications. Common applications for coated substrates include interleaving and individual parts wrapping. When metal articles are enclosed within, the VpCI coating on the substrate vaporizes, reaching all metal surfaces to provide complete corrosion protection. The unique inhibiting action of Cortec VpCI forms a very thin and effective protective layer that does not alter the appearance or performance of products or require removal before further finishing or use. Parts protected with VpCI can be painted, welded, or soldered upon removal from the package.

FEATURES

- Non-hazardous: no heavy metals, halogens, or solvents
- Nitrite-free
- Provides multimetal protection
- Coated papers are repulpable
- Non-tacky
- Hot melt or cold-set glueable

METALS PROTECTED

- Carbon Steel
- Stainless Steel
- Galvanized Steel
- Cast Iron
- Aluminum and Alloys thereof

METHOD OF APPLICATION

1. Dissolve powder in water (soluble in tap water up to 42%).
2. Apply directly to paper or board with traditional paper coating applications.
3. Drying can be accomplished by passing the coated substrate through a warm air oven or with IR bulbs.

Dry coating weight 3-5 lb/ream (4.5-8.2 g/m²) are recommended.

If binder is needed, Polyvinylalcohol (PVA) or latex-based materials can be recommended.

TYPICAL PROPERTIES

Appearance	White/off white powder
Non-volatile content	97-100%
pH	6.5-7.5 (1% aqueous)
Odor	Slight

PACKAGING

VpCI-350 pR is available in 5 lb (2.3 kg) boxes, 50 lb (23 kg) drums, 100 lb (45 kg) drums, and 1000 lb (453 kg) gaylords.



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

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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