

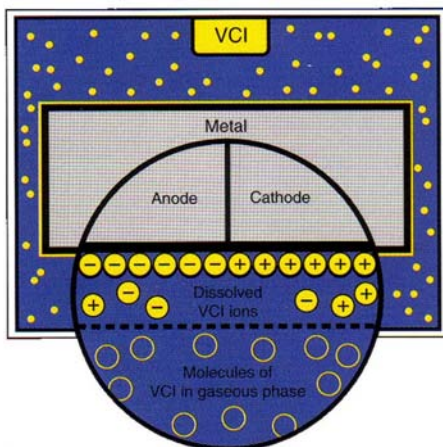
# Cortec

## Corrosion Protection Solutions



Ionic Action of VCI creates a modular, inhibiting layer.

- Vapourizes
- Conditions enclosed atmosphere with a protective vapour.
- Vapor migrates to all recessed area of the cavities.
- Vapour condenses on all metal surfaces.
- Ions dissolve in moisture layer (water electrolyte).
- Protective ions are attracted to the metal surfaces.
- Ions form a thin, monomolecular protective layer at the metal surface.
- Protective laer re-heals and self-replenishes through further condensation of the vapour.



Savcor supply a wide range of Cortec products. Cortec products assist in the control of corrosion from raw materials through to the production stage, and finally packaging of the end product.

Corrosion is a major cost to industry, the range of goods available form Cortec can help reduce these costs.

### VCI Solutions

What is a VCI solution?

Vapour Corrosion inhibitors provide multimetal protection with corrosion inhibiting vapours that condense onto the surface of your product to form a thin, uniform, economical and extremely effective corrosion inhibiting layer.

This barrier is self-replenishing, even for packaging that's repeatedly opened, and typically protects for upto 24 months.

Application is easy without the labour-intensive clean-up required with conventional oil coatings or other inhibiting products – even for previously corroded, painted or coated surfaces. VCI's are environmentally safe, and do not contain any nitrites or other harmful chemicals.

### Short – and – long term protection.

There's a Cortec solution whether you need temporary protection during in-plant processing, medium-term protection for shipment and storage or extended protection for lay-up, mothballing and field service.

### Types

**Paper:** Ideal for single item packaging, multiple item wrapping for bulk shipments, OEM and automotive parts packaging for storage and shipping, sheet liner to separate products.

**Films:** Come in a range of forms, from polyethylene to shrink wrap, stretchable, reinforced construction.

**Foams:** Impregnated foams and Cor-Pak bubbles protect machined parts and highly sensitive electronic components.

**Inserts:** Provide exceptional absorption and even reach recessed areas. Inserts fit into virtually any packaging system and come in pouches, tablets and circles.

**Preservation:** Cortec make a wide variety of products, talk to your local Savcor Representative for advise on cost effective solutions.

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