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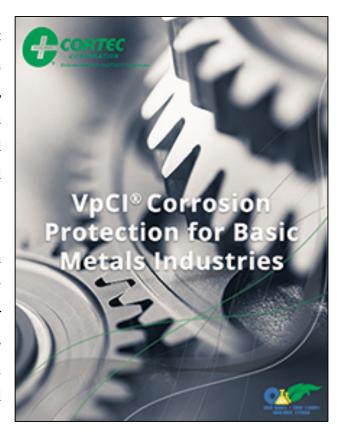




## Cortec<sup>®</sup> Publishes Practical Guide to Countering Corrosion in Basic Metal Industries

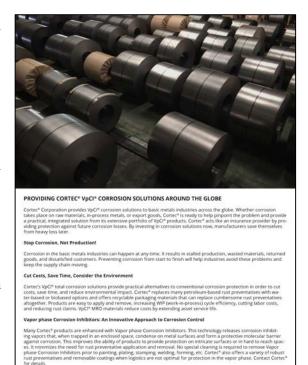
Corrosion can happen at any time for industries that produce, process, or assemble metal parts. It results in stalled production, wasted materials, returned goods, and dissatisfied customers. Preventing corrosion from start to finish will enable metal industries to avoid these problems, keep the supply chain moving, and promote healthy customer relationships.

To help industries counter corrosion and keep metal in the best condition possible, Cortec<sup>®</sup> has created a new brochure entitled "VpCI<sup>®</sup> Corrosion Protection for Basic Metals Industries." This new brochure provides corrosion control strategies for all phases of metal production, from refining to final assembly of finished

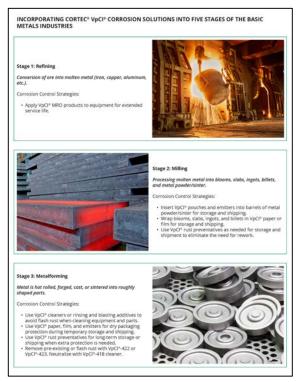


goods. It includes practical tips for many aspects of metal processing:

- Extending equipment service life
- Protecting raw materials
- Keeping partially finished goods corrosion free inprocess
- Avoiding flash rust during cleaning
- Protecting steel coil internals
- Effectively preserving finished goods for long-term storage or shipment
- And more!



The brochure explains that many Cortec® products are enhanced with Vapor phase Corrosion Inhibitors. This technology releases corrosion inhibiting vapors that, when trapped in an enclosed space, condense on metal surfaces and form a protective molecular barrier against corrosion. This improves the ability of products to provide protection on intricate surfaces or in hard to reach spaces. It minimizes the need for



liquid rust preventative application and removal. No special cleaning is required to remove Vapor phase Corrosion Inhibitors prior to painting, plating, stamping, welding, forming, etc. Cortec<sup>®</sup> also offers a variety of robust rust preventatives and removable coatings when logistics are not optimal for protection in the vapor phase.

Cortec's VpCI® total corrosion solutions provide practical alternatives to conventional corrosion protection in order to cut costs, save time, and reduce environmental impact. Cortec® replaces many petroleum-based rust preventatives with water-based or biobased options and offers recyclable packaging materials that can replace cumbersome rust preventatives altogether. Products are easy to apply and

remove, increasing WIP (work-in-process) cycle efficiency, cutting labor costs, and reducing rust claims. Additionally, VpCI<sup>®</sup> MRO materials reduce costs by extending asset service life.

A new buyer's guide in the brochure facilitates the product selection process by organizing VpCI® materials according to type:

- VpCI® Emitters
- VpCI® Rust Preventatives
- VpCI<sup>®</sup> Metalworking Fluids
- VpCI® Packaging
- VpCI® Cleaners
- VpCI® Rinsing and Blasting Additives
- VpCI<sup>®</sup> Rust Removers
- VpCI® MRO Products

After identifying the basic protection strategy desired (e.g., VpCI® packaging combined with VpCI® emitters for protection of metal components in shipping crates), industrial users can then browse each product category to select their preferred corrosion inhibiting material based on product characteristics and application need.

"VpCI® Corrosion Protection for Basic Metals Industries" is a good starting point for anyone looking to solve corrosion problems in the basic metals industries and





## VpCI\* FOR BASIC METALS INDUSTRIES BUYER'S GUIDE

VpC1* Emitters			
Product	Description	Sizes Available	Applications
Bio-Pad <sup>®</sup>	Flexible corrosion inhibiting device constructed from biobased non-woven material. Provides multi-metal protection.	Contact Cortec* customer service for details.	Insert into packaging as an ex- tra-strength source of VpCIP for protection of large volumes (protecti up to 15 ft² per ft² (4.5 m²/m²) of material).
EcoPouch®	EcoPouch® contains VpCI®- 609 powder for corrosion protection of ferrous met- als. Do not use with yellow metals.	Pouches are 6 x 10 x 0.5 in (15.3 x 25.4 x 1.3 cm), 50 per carton.	Insert into packages or metal pow- der drums as an extra-strength source of VpCIP for protection of large volumes (protects up to 1 m² (35.3 ft²)).
VpCl*-130 Series Foarn	Foam impregnated with Vapor phase Corrosion Inhibitors for dry protection of ferrous and non-ferrous metals. Approximately 10x more VpCI* per fet 1929 cm²) than VpCI* papers.	VpCf*-131: 2 x 10 in (5.08 x 25 errg VpCf*-132: 10 x 10 in (25 x 25 errg VpCf*-133: 1 x 1 in (2.5 x 2.5 err) w/ adhesive bads: VpCf*-136: 1x1 in (2.5 x 2.5 errg VpCf*-137: 130 ft x 4.5 ft (39.6 m x 1.35 m).	Herible packaging material for inser- tion with metal parts, coils, sheeping, especially where additional protec- tion for large volumes is required. Works well with VpCIP-126 firm used as package liner.
VpCP*-308 Pouches	Contains VpCf*-308 powder for corrosion protection of ferrous and yellow metals.	Pouches are 6 x 10 x 0.5 in 115.3 x 25.4 x 1.3 cm), 50 per carton.	Insert into padaging or metal powder drums as an extra-strength source of VpCIP for protection of large volumes (protects up to 35.3 ft <sup>-1</sup> [1 m <sup>2</sup> ]).
VpCI <sup>8</sup> -309 Pouches	Contains VpCIP-309 powder for corrosion protection of ferrous metals. Not aggres- sive to copper.	Pouches are 6 x 10 x 0.5 in (15.3 x 25.4 x 1.3 cm), 50 per carton.	Insert into packaging or metal powder drums as an extra-strength source of VpCI® for protection of large volumes (protects up to 35.3 % [1 m²])).

ensure metal goods arrive at their destination corrosion-free to the customer's satisfaction. By presenting innovative corrosion solutions in a practical format, Cortec® has created a valuable guide to corrosion control in the multiple phases of the basic metals industries.

To read the entire version of this brochure, please visit the following link:

https://www.cortecvci.com/Publications/Brochures/Basic\_Metals\_Brochure.pdf

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Cortec<sup>®</sup> Corporation is the global leader in innovative, environmentally responsible VpCI<sup>®</sup> and MCI<sup>®</sup> corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec<sup>®</sup> manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified. Cortec Website: http://www.cortecvci.com Phone: 1-800-426-7832 FAX: (651) 429-1122