VPCI CORTEC PRESERVATION

Typical Applications

In-process protection

Edge spray of coils and sheet stock · void spaces

Double wall void spaces

Fogging

Metals Protected:

Hot/cold-rolled steel

Silicon steel

Stainless steel

Cast iron

Zinc

Aluminium

CEA VpCI® Cuts Costs By

Increased effective protection throughout

Efficient delivery systems that make it economical to treat hard-to-protect items

Ease of application

Improved health, safety, and environmental impact control

Elimination of extra processing steps as in most cases there is no need to remove the VpCI® product

Lifespan extension of equipment

VpCI preservation uses vapor phase inhibitors which provide multi-metal corrosion protection, leaving a thin, self-healing film that is environmentally friendly. Protection is immediate and easy to remove if required.

How can CEA VpCI® products help me?

Corrosion is a constant threat to all types of metal parts, even more so when packaged for storage or transportation. Traditional methods for anti-corrosion can be messy, costly, and may pose possible hazards to people and the environment. CEA VpCI® technology represents a breakthrough solution in corrosion prevention.

Our VpCI® products protect metals with a chemically adsorbed molecular layer that provides multi-metal corrosion protection. Complete coverage is achieved – all surfaces, including crevices, cavities and other inaccessible void areas receive total protection. The VpCI® barrier is self-replenishing and protects for up to two years. Exceptional product protection is a proven industry result without the labor-intensive clean-up required with conventional oil coatings or other inhibiting products. CEA VpCIs® are environmentally safe and not based on nitrites.

CEA VpCI® technology. The safety net your products and equipment deserve.

Project Logistics
All-in-one service for your project solutions

VPCI CORTEC PRESERVATION

How does VpCI® Work?

VpCI® applications can protect products stored indoors as well as outdoors and in adverse weather conditions, the latest VpCI® technology increases profitability by solving a corrosion issue instead of choosing to ignore it.

- Vaporizes
- Condition enclosed atmosphere with a protective vapor
- Vapor migrates to all recessed areas and cavities
- Vapor condenses on all metal surfaces
- Ions dissolve in moisture layer (water electrolyte)
- Protective ions are attracted to metal surfaces
- Ions form a thin, monomolecular protective layer surface

How can CEA VpCI® products be used?

Multiple types of VpCI® applications can be used in corrosion prevention across a multitude of platforms, for example, you can:

- Fog a heat exchanger in minutes and eliminate any shipping or storage corrosion problems
- Protect on-site, operational electric circuitry
- Easily spray valve flanges and stems with an outdoor coating for extended protection
- Boost the protection of your lubricating oils with an additive effective for multi-metal systems

When correctly applied, CEA's VpCI® Technology will substantially cut time and costs throughout the product or equipment's life cycle: manufacturing, storage, shipping, and field service.

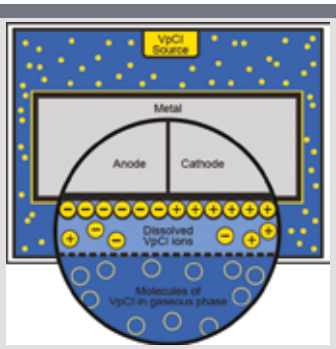
CEA's VpCI® products eliminate extra processing steps such as cleaning, degreasing, rust removal, pickling, sandblasting. The result being less re-work, fewer rejections, improved quality, reduced rust claims and extended equipment life.

ABOVE EXAMPLE SHOWS EFFECTS WITH AND WITHOUT VPCI® PROTECTION

PIPES ADMINISTERED WITH VpCI

PIPES AWAITING TREATMENT

VpCI CAN BE USED ON ANY SIZE EQUIPMENT



HOW IT WORKS

CEA PROJECT LOGISTICS
41/13 M1 AO-UDOM ROAD
TUNGSUNGKHLA
SRI RACHA
CHONBURI 20230
THAILAND
+66 38 354 019
www.ceaprojects.com

Project Logistics
All-in-one service for your project solutions