

CORTEC[®] SOLUTIONS FOR MILITARY PROTECTION AND ASSET LONGEVITY

Cortec[®] provides advanced corrosion protection and environmental solutions to keep military equipment, vehicles, and facilities mission-ready.

Cortec[®] Corporation is a global leader in innovative, environmentally responsible corrosion control technologies, specializing in VpCI[®] (Vapor phase Corrosion Inhibitor) and MCI[®] (Migrating Corrosion Inhibitor[™]) systems. Since our founding in 1977, Cortec[®] has demonstrated a commitment to innovation, developing over 500 products and securing more than 60 patents in corrosion prevention.

With over 45 years of experience, we have helped industries worldwide implement effective, economical asset preservation strategies, protecting equipment, structures, and materials from corrosion throughout their life cycle. Our VpCI[®] and MCI[®] preservation systems have been successfully applied across a diverse range of industries—from automotive manufacturing and aerospace to oil and gas, military, construction, and beyond—demonstrating the versatility and reliability of our technologies.

Cortec's expertise spans every stage of manufacturing, construction, and storage. By implementing a proactive, strategic preservation process, owners and operators can ensure that all equipment, machinery, and components remain ready-to-use whenever needed, reducing downtime, extending asset life, and lowering maintenance costs. Our integrated preservation approach not only protects assets in challenging environments but also contributes to operational efficiency and sustainability, making Cortec[®] a trusted partner for businesses committed to long-term performance.

HOW VpCI[®] TECHNOLOGY WORKS

VpCI[®] molecules vaporize and form a protective molecular layer on metal surfaces inside packaging or enclosed spaces—blocking moisture, oxygen, and corrosive elements.

- Rapid protection upon sealing
- Reaches hidden and internal surfaces
- No cleaning required before use



See Corrosion
Protection in Action –
Subscribe to Cortec[®]
on YouTube!

MILITARY APPLICATIONS

Cortec® solutions find use across all branches and environments, including:

UNMANNED SYSTEMS & DRONES

Corrosion protection during shipment and long-term storage

AIRCRAFT & HELICOPTERS

Fuselage, engines, avionics, and electrical systems

GROUND VEHICLES & ARMORED EQUIPMENT

Storage, transport, and preservation in all climates

NAVAL & MARINE ASSETS

Protection in coastal and high-humidity environments

WEAPONS & ELECTRONICS

Safe, residue-free protection for sensitive components

MILITARY FACILITIES & INFRASTRUCTURE

Storage depots, hangars, maintenance areas



KEY PRODUCTS FOR MILITARY APPLICATIONS:

MilCorr® VpCl® Shrink Film

A heavy-duty, high-performance VpCl® film engineered for military storage and shipment. Provides superior corrosion protection in harsh outdoor and UV-exposed environments while maintaining strong mechanical strength for long-term equipment preservation.

NACE TM0208-2024,
NSN/NATO 8340-01-629-6601

VpCl®-368 M

A removable, solvent-based corrosion preventive coating that forms a durable protective film on metal surfaces. Designed for long-term indoor or outdoor storage, with excellent moisture resistance and easy removal when equipment is placed back into service.

MIL PRF-16173E (Class 1, Grade 1),
QPL-16173,
NSN/NATO 8030-00-062-6950

VpCl®-415

A high-alkaline, water-based cleaner and corrosion inhibitor for industrial and military maintenance applications. Effectively removes oils, grease, and contaminants while leaving behind temporary corrosion protection after cleaning.

EPA 796.3100 Aerobic
Aquatic Biodegradation,
EPA Standard 600/4-90/027,
MIL PRF-87937D (Type IV), QPL-87937,
NSN/NATO 6850-01-583-3039

VpCl®-369 M

A military-grade, oil-based corrosion preventive designed for severe environments. Leaves a persistent protective layer that shields ferrous and non-ferrous metals during long-term storage, transport, and layup conditions.

MIL PRF-16173E (Class 1, Grade 2),
QPL-16173,
NSN/NATO 8030-00-244-1295

VpCl®-101 Device

A small device from which Vapor phase Corrosion Inhibitors are slowly released. Good for non-ventilated compartments of 1 ft³ (28 L).

NSN/NATO 6850-01-338-1392

VpCl®-105

A small, self-adhesive plastic emitter that releases Vapor phase Corrosion Inhibitors through a breathable membrane. Good for non-ventilated compartments of 5 ft³ (0.14 m³).

NSN/NATO 6850-01-406-2060

VpCl®-111

A small, self-adhesive plastic emitter that releases Vapor phase Corrosion Inhibitors through a breathable membrane. Good for non-ventilated compartments of 11 ft³ (0.31 m³).

NSN/NATO 6850-01-408-9025

ElectriCorr™ VpCl®-238

A dual cleaner/protector for electronics and electrical components. Spray and wipe to clean or leave thin film to protect in non-ventilated compartments.

NSN/NATO 6850-01-413-9361



Environmentally Safe VpCl®/MCI® Technologies



**PROTECT.
PRESERVE.
DEPLOY.**

Trusted worldwide, Cortec® solutions have been used by:

- Army, Air Force, Navy, Marine Corps •
- Aerospace and defense contractors •
- International and NATO defense organizations •

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