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Attention: Editor

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PRESS RELEASE



CorrShield VpCI®-379 - Tough on Corrosion Easy On Your Wallet!



CorrShield VpCI®-379 is a water-based, economical, safe to apply, corrosion preventive liquid concentrate designed to meet tough anti-pollution requirements. It is aimed for protection of ferrous and non-ferrous metals in sheltered areas, indoor or in packages not in direct exposure to rain and outdoor elements. Its unique vapor phase action migrates wherever humidity and corrosive agents can penetrate to provide complete protection to uncoated and difficult-to-reach areas.

VpCI®-379 is designed as a complete environmentally safe replacement for hazardous oil-based preventives. The wide dilution range (between 5% and 50%) allows flexibility to customize the length of protection required versus applied cost per square foot (or m²). CorrShield VpCI®-379 provides superior protection against humidity and eliminates cleaning and housekeeping problems associated with oils.

This economical product can be diluted up to 1 part VpCI®-379 to 20 parts water enabling significant cost savings. It forms clear and dry film which renders attractive appearance to protected parts. CorrShield VpCI®-379 displaces water from metal surfaces and is easy to remove, if necessary, or paintable with common coatings. Metals protected are carbon and stainless steel, aluminum, cast iron and copper.



VpCI®-379 is readily soluble and forms a clear solution in water. Its properties and efficient application result in labor savings and improved health, safety and pollution control. The protective coating is clear and will dry at ambient conditions to become dry-to-touch 30 minutes after application. VpCI®-379 is easily removed with conventional alkaline cleaners, and can be coated over with paints and primers without removal.

TYPICAL APPLICATIONS

- **Castings forgings, tubular parts, machined, and honed metal components**
- **Gears, pumps, electric motors, housings, textile, and printing equipment**
- **Precision machined parts, structural steel, sintered metals, bars, and roll stock**
- **Additive to parts washers and rinse water systems, hydroblasting, and hydrotesting**



A world renowned manufacturer of diesel engines discovered corrosion after they test ran their new engines for several hours. The water run off would quickly turn into red rust because of poor corrosion prevention in their cooling water system. Since they lost several thousand gallons of water per day, they needed to find a more cost effective method. The manufacturer set up a 1500 gallon station with 20% VpCI®-379 in water. After draining the cooling water from engine jacket, they flushed the VpCI®-379 solution through the cooling jacket. This efficiently solved the problem of corrosion on new engine blocks that remained looking new. The company has been using this product over 15 years since.

CorrShield VpCI®- 379 is listed as an item in National Stock under the number NSN 8030-01-481-8928 for ordering and use in aerospace and defense industries. It was successfully tested in accordance with ASTM D 1748, ASTM D 17356; DIN 50017, NACE RP0487-2000 and is RoHS compliant

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® 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® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.