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PRODUCT RELEASE



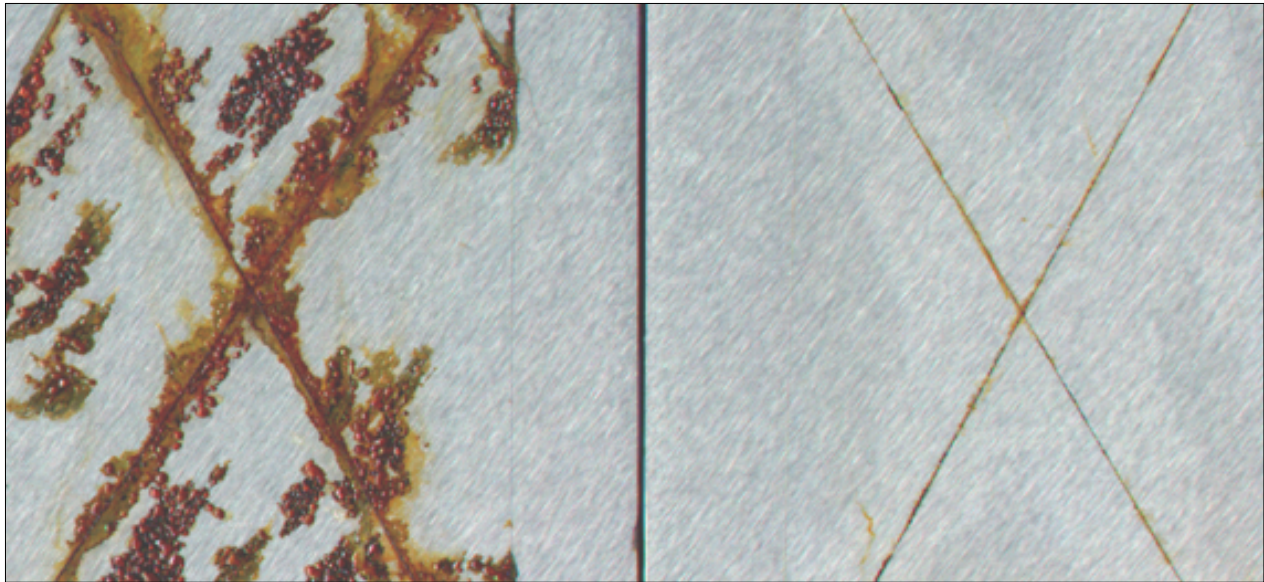
New Cortec® Additive Enhances Corrosion Protection of Water-Based Coatings Systems!

Formulators looking to enhance the corrosion protection of increasingly popular water-based coatings systems can now use Cortec's M-120, a water-based corrosion inhibitor additive that does not contain heavy metals. M-120 can be used alone or in conjunction with other inhibitors to increase the corrosion protection abilities of both water-based and solvent-based systems. It is recommended for use in acrylic and alkyd resin systems.



M-120 protects both carbon steel and aluminum. It contains contact corrosion inhibitors that eliminate in-can corrosion, inhibit flash rust, and provide long term protection to the metal substrate. The additive does not contain any heavy metals such as zinc phosphate, chromates, or barium. M-120 comes as an off-white/beige colored paste that can be added to coatings formulations at recommended

loading levels ranging from 1.0-3.0% based on total formula weight.



Without Additive - 240 hours Salt Spray

With Additive - 240 hours Salt Spray

Cortec's M-120 additive contains a special blend of corrosion inhibitors that protect against corrosion by forming a microscopic inhibitor layer along the contours of the metal substrate. Traditional coatings rely on sacrificial metals such as zincs and chromates for corrosion protection. Due to their large particle sizes, these inhibitors leave gaps that make it easier for corrosion to begin in micro-cavities. In contrast, M-120 contains inhibitors that have an attraction to metal and desire to conform to the intricacies of metal surfaces, providing a protective layer in micro-cavities for fuller inhibitor coverage.

Market demand is increasingly shifting to the use of more water-based systems that have a lower environmental impact and are much easier to clean up than solvent-based systems. M-120 can help formulators meet these demands by delivering a water-based corrosion inhibitor that does not contain heavy metals but provides a microscopic protection layer on metal surfaces. M-120 also has the flexibility to provide an added level of corrosion protection for cases where solvent-based systems are still preferred.

To learn more about M-120, please visit:

<http://stage.cortecvci.com/Publications/PDS/M-120.pdf>

To learn more about Cortec Additives, please visit:

<http://cortecadditives.com/>



CORTEC
CORPORATION
Environmentally Safe VOC/ROOF Technology

M-120

DESCRIPTION

M-120 is a water-based corrosion inhibitor for use in water-based systems. M-120 provides protection for carbon steel and aluminum, eliminates oil can corrosion, and reduces white rust. M-120 does not contain any heavy metals such as zinc, phosphate, chromates or borates. M-120 works to both the vapor and contact phases.

PACKAGING & STORAGE

M-120 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) metal drums, liquid form, and bulk. Product shelf life is 24 months.



CHARACTERISTICS/TECHNICAL DATA	
Appearance	Off-white to light colored paste
% Solids by Weight	40-45%
VOCs (ASTM D3960)	2.13 lbs/gal (255 g/l)
Density	8.0 to 8.5 lbs/gal (0.96-1.02 kg/l)
pH (25°C)	8.2-8.8

APPLICATION

Recommended dosing levels range from 1.0 - 3.0% based on total formula weight.

Coatings

Grind Basecoat/Bare

- Water-based metal finish - add after wetting agent & co-solvents are added
- Water-based metal finish - add to resin prior to adding other components

Post Add

- Undercoat - add into bottom using moderate to high agitation
- Post add - add into final product using moderate to high agitation

Need a High-Resolution Photo? Visit: www.cortecadvertising.com

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.

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