



## VpCI® ADDITIVES FOR COATINGS, FLUIDS, ADHESIVES AND PLASTICS

# M-435

### PRODUCT DESCRIPTION

M-435 is a multimetal organic corrosion inhibitor additive for water and solvent-based paints, sealers, adhesives, fluids and more. It is silicone and surfactant-free and can be introduced to formulations at virtually any step of production. M-435 incorporates Cortec's proven VpCI technology for protecting metals ranging from steel to copper and most other commonly used metals. It has been designed for easy blending into the production process without unnecessary risks to personnel, equipment or other manufacturing compounds.

### FEATURES

- Excellent performance in solvent and water-based products
- Excellent flash corrosion inhibitor for water-based coatings
- Easy "stir-in" during or after manufacture
- Plasticizing characteristics
- Improves wetting properties
- Increased product shelf life
- Three phase corrosion inhibition

### METALS PROTECTED

- Steel
- Cast iron
- Common aluminum alloys
- Galvanized steel
- Stainless steel
- Copper

### APPLICATIONS

For corrosion protection M-435 can be added to:

- Water-based paints
- Water-based waxes and solutions
- Adhesives/sealants
- Fluids

### PHYSICAL PROPERTIES

Appearance	Clear light yellow viscous liquid
Flash Point	395°F (201°C)
Odor	Ammonia-like
Density	9.0-9.4 lb/gal (1.08-1.12 kg/l)
pH	8.0-9.5 (1% aqueous)
Weight Solids	100%
Volume Solids	100%
VOC	0

### PACKAGING AND STORAGE

M-435 is available in 5 gallon (19 liter) plastic containers, 55 gallon (208 liter) metal drums, liquid totes and bulk. Store above 72°F (22°C) to prevent crystallization.



**CORTEC**  
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

**FOR INDUSTRIAL USE ONLY**  
**KEEP OUT OF REACH OF CHILDREN**  
**KEEP CONTAINER TIGHTLY CLOSED**  
**NOT FOR INTERNAL CONSUMPTION**  
**CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

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