M-168

PRODUCT DESCRIPTION
M-168 is a solvent-based vapor and contact corrosion inhibitor to be used as an additive to conventional epoxies and alkyls, solvent-based and oil-based coatings and some lubricants. M-168 provides a corrosion resistant semi-solid film. M-168 is used at 2% to 20% by weight.

FEATURES
- Excellent salt water performance
- Excellent humidity performance
- Excellent tolerance for salt contaminated surfaces
- Medium viscosity
- High flash point

METALS PROTECTED
- Carbon steel
- Stainless steel
- Cast iron
- Aluminum
- Brass
- Copper

FORMULATION HINTS
- High levels (10-20%) may improve corrosion protection significantly
- The coating will soften in the 10-20% range
- Compatibility with the major resins should be checked initially to determine optimum levels

APPLICATIONS
- As a finished "waxy" film forming, self healing film
- As an additive to solvent based paint systems, including high-solids epoxies

PHYSICAL PROPERTIES
- Appearance: Dark brown viscous liquid
- Density: 7.4-7.5 lb/gal (0.88-0.89 kg/l)
- Weight Solids: 56-61%
- Volume Solids: 48-50%
- Solvent: Mineral Spirits
- VOC: 2.9-3.1 lb/gal (0.35-0.37 kg/l)

PACKAGING AND STORAGE
M-168 is available in 5 gallon (19 liter) containers, 55 gallon (208 liter) metal drums, liquid totes and bulk. M-168 should be stored in tightly sealed metal containers. Storage temperature ranges from 0ºF (18ºC) to 120ºF (49ºC). Shelf life is 24 months.
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