



VpCI ADDITIVES FOR COATINGS, FLUIDS, ADHESIVES AND PLASTICS

M-5120 Patent #5,937,618

PRODUCT DESCRIPTION

M-5120 is a patented, water-based corrosion inhibitor solution that can be added to water-based skin film primers and other coatings. With the addition of M-5120 to a skin film primer, excellent corrosion protection is achieved in the contact layer (metal/primer), as well as a significant increase in corrosion protection in the vapor phase (inside the package). This is due to the Vapor Corrosion Inhibitors (VCIs) contained within M-5120.

FEATURES

- Environmentally friendly
- Low viscosity
- Easy "stir-in" during or after manufacture
- Effective on carbon steel, galvanized steel, stainless steel, aluminum and copper
- Contains no VOC
- Prevents flash rust corrosion

SUGGESTED USES

- Additive to skin film heat seal coatings
- Additive for water-based paints and waxes

GENERAL INFORMATION

M-5120 may be added to other products in a 0.5% to 4% solution by weight. It is easily blended into a formulation at any stage of manufacture.

Note: Performance in a specific formulation must be evaluated in actual tests.

TYPICAL PROPERTIES

Appearance	Slightly hazy light yellow liquid
pH	8.5-9.5 (Neat)
Non-volatile Content	21-26%
Viscosity	1 cps at 77°F (25°C)
Density	9.6-10.0 lb/gal (1.15-1.20 kg/l)

PACKAGING AND STORAGE

M-5120 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk. M-5120 should be stored in tightly sealed containers of metal, glass or polyolefin plastic at temperatures above 32°F (0°C). Maximum storage temperature is 120°F (50°C).

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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