

## Coatings Additives\*

Product	Phase	Applications	Metals Protected	Notes
M-109	L	Post added to SB coatings and some WB (alkyds, latices, epoxies)	MM	Organic, low toxicity, VOC free
M-110	L	Post added to SB coatings and some WB (alkyds, latices, epoxies)	Fe/Al/Cast	Organic, aliphatic petroleum distillate
M-118	Paste	WB paints, waxes, adhesives, and temporary coatings	Fe/Al	Flash rust and in-can corrosion inhibition
M-119, M-119 LV	L	WB paints, waxes, latex adhesives, and temporary coatings. Also comes in a low viscosity formulation, M-119 LV.	MM	Flash rust and in-can corrosion inhibition; synergistic with M-380
M-138, M-138 C	P	Rubberized and elastomeric coatings, parts, and components. M-138 C can protect cast iron and aluminum.	MM	Non-toxic and non-flammable
M-168	L	Epoxies and alkyds, SB and OB coatings and some lubricants	MM	High flash point, medium viscosity, forms semi-solid film
M-240	L	WB paints, sealers, adhesives, fluids, and waxes	MM	Flash rust and in-can corrosion inhibition, also non-toxic
M-369	L	Heavy duty lubricants and waxes		Very viscous, provides long term protection even in salt spray
M-380	L	WB carboxylated or styrene acrylic latices	MM	Non-toxic, VOC free, and has low viscosity; synergistic with M-119
M-381	L	WB carboxylated or styrene acrylic latices	MM	Ammonia free, low VOC, low viscosity
M-435	L	WB and SB paints, sealers, adhesives, and waxes	MM	Flash rust protection, silicone and surfactant free
M-5120	L	WB skin film heat seal coatings, and WB paints and waxes	Fe/Al/Cu	Flash rust, VOC free, low viscosity, and environmentally friendly
M-5365	L	SB maintenance epoxies and waxes and a few WB coatings	MM	Easy stir-in, can provide some defoaming characteristics

\*Note: All Cortec coating additives can be post added.

## Metalworking and Process Additives

Product	Phase	Applications	Metals Protected	Notes
M-150	L	WB inks and ink-like materials	MM	Non-toxic, non-hazardous and biodegradable
M-235	P	Cooling systems and towers, A/C systems, hydraulic fluids, cleaners	Cu & Alloys	Some solubility in water, soluble in polar solvents
M-236	L	Good for oils, polar and non-polar solvents.	MM	Will not change electrical properties of oils
M-238	L	Solvents, hydrocarbons, aromatic, paraffinic, naphthenic, fluorocarbon	MM	Low VOC, environmentally friendly, and also used in lubricants
M-241	P	WB coolants, process, rust preventatives, and metal working fluids	Al & Alloys	Non-toxic and has FDA approval as per 21 CFR Part 172
M-320	L	Rust preventative, lubricating, and hydraulic oils	MM	Low toxicity, high flash point
M-370 (incl. A, C, HS, NS)	L	WB metalworking fluids, cleaners, lubricants, and temporary coatings. Also made with high surfactants, M-370 HS; no surfactants, M-370 NS; for aluminum protection, M-370 A; and for cast iron protection, M-370 C.	MM	Water soluble, non-flammable, environmentally acceptable
M-408	L	Brake fluids, DOT 3, DOT 4, and DOT 5 brake fluid compatible	Fe/Yellow	Economical and effective in silicon based brake fluids
M-435	L	Metal working fluids	MM	Flash rust protection, silicone and surfactant free
M-528	L	WB hydraulic fluids, glycols, alcohols, oils, cutting fluids, and cleaners	MM	Non-phenolic, thermostable, biodegradable
M-529, M-529 SC	L	Hydraulic fluid engine oils, mineral and synthetic oils, iso-paraffinic, naphthenic, and PAOs. Available in super concentrate form, M-529 SC.	MM	High flash point, low toxicity, and thermally stable
M-530	L	Hydraulic and lubricating oil systems. Contains demulsifier.	MM	High flash point, low toxicity, and thermally stable
M-605, M-605 PS, M-605 L	P L	Deicing salt additive to suppress corrosion caused by NaCl based deicer. Also available for MgCl <sub>2</sub> deicers, M-605 L; and for CaCl <sub>2</sub> deicers, M-605 PS.	MM	M-605 and M-605 P are powders. M-605 is a liquid. All environmentally friendly and have low dosages.
M-640, M-640 L	P, L	WB and ethylene glycol-based engine heat exchange fluids, such as anti-freeze and other coolants. Also made silicate free, M-640 L.	MM	Nitrite, chromate and heavy metal free, economical and used in low dosages. M-640 L is a liquid.
M-95	L	Cleaners, synthetic coolants and cutting fluids, WB lubricants.	MM	Silicate free, biodegradable, non-phenolic, very low foaming
S-111	P	Alkaline cleaners	MM	Economical, safe to use, environmentally safe

## Water Treatment Additives

Product	Phase	Applications	Metals Protected	Notes
M-435	L	Closed loop cooling systems	MM	Flash rust protection, silicone and surfactant free
M-605, M-605 PS, M-605 L	P L	Closed loop cooling systems to suppress corrosion caused by NaCl. Also protects against MgCl <sub>2</sub> , M-605 L; and CaCl <sub>2</sub> , M-605 PS.	MM	M-605 and M-605 P are powders. M-605 is a liquid. All environmentally friendly and have low dosages.
M-640, M-640 L	P, L	Closed loop cooling systems and WB and ethylene glycol-based engine heat exchange fluids. Also made silicate free, M-640 L.	MM	Nitrite, chromate and heavy metal free, economical and used in low dosages. M-640 L is a liquid.
M-645	L	Lay-up and floating agent in ballast tanks and for hydrotesting.	MM	Biodegradable, environmentally friendly, and nitrite/amine-free

L = Liquid; P = Powder; SB = Solvent Based; WB = Water Based; OB = Oil Based; MM = Multimetal