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*water based industrial polymers*



## Ottopol M-49 Technical Data Sheet

### Product Specifications

Description -----	Anionic Acrylic Emulsion	Appearance-----	Milky Emulsion
Solids-----	48.0 - 50.0%	Specific Gravity -----	1.067
pH-----	8.0 – 9.0	Weight/Gallon -----	8.90
Viscosity -----	200 – 500 cps	Freeze Thaw Stability -----	Keep from Freezing
Flash Point-----	Same as Water	FDA Status -----	None Known
Glass Transition Temperature -----	20 Degrees C	USDA Status-----	No

### Description - Acrylic Emulsion for Metallic Pigments

The Ottopol M-49 is an emulsion polymer with a excellent adhesion properties, that has been neutralized with Dimethylethanolamine. This combination yields excellent pigment wetting. The exclusion of ammonia and neutralization with DMEA does not promote the tarnishing of metallic pigments. The product has been proven to provide good aging stability and compatibility with additives and other resin systems.

### Starting Formula

	<b>Rich Bronze</b>	<b>Aluminum</b>
Ottopol M-49	54.6	75.4
Rotovario Aqua 632 Rich Bronze*	44.8	-----
Rotovario Aqua 620 Aluminum*	-----	24.0
Surfynol 420**	0.6	0.6

Both formulas have a viscosity of 60 seconds on a #2 Zahn Cup. Dilute to desired viscosity depending on application.

\* Eckart America (440) 354-0400

\*\* Air Products (610) 481-4911