

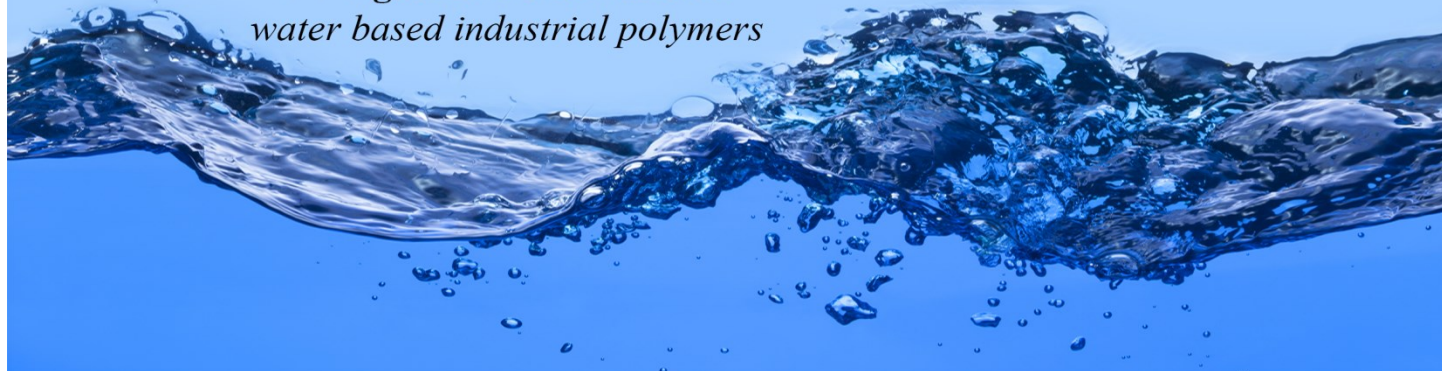


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water based industrial polymers



Ottopol SF-49 Technical Data Sheet

Product Specifications

Description	Self Crosslinking Acrylic Emulsion	Appearance-----	Translucent Emulsion
Solids-----	48.0 -50.0%	Specific Gravity -----	1.06
pH-----	7.5 – 8.0	Weight/Gallon -----	8.84
Viscosity -----	500 cps Max	Freeze Thaw Stability -----	Keep from Freezing
Minimum Film Forming Temp. -----	5 Degrees C	FDA Status-----	None
Flash Point-----	Same as Water	USDA Status-----	None

The dry film has outstanding water resistance and will not blush even after prolonged exposure to water.

This polymer can be formulated into a corrosion resistant primer or semi-gloss paint.

Anticorrosive White Semi-Gloss Paint

Ingredients

1) Water		8.60	
2) Disperbyk 2010	Dispersing Aid	0.40	BYK
3) BYK 028	Defoamer	0.30	BYK
4) Tagfigel PUR 41	Rheology Modifier	0.20	Munzing
5) Glycol Ether EB	Solvent	2.30	Brenntag
6) Kronos 2190	Titanium Dioxide	10.00	Kronos
7) Heucophos ZAM plus	Corrosion Inhibitor	8.00	Heubach
8) Blanc Fixe Micro	Functional Extender	4.00	Maroon
9) Additive F2M	Corrosion Inhibitor	0.30	Straetmans High TAC
10) Ottopol SF-49	Acrylic Polymer	65.40	Gellner
11) BYK 028	Defoamer	0.10	BYK
12) Dowsil 67	Wetting Agent	0.40	Dow
		<u>100.00</u>	

Procedure: Add components 1-5 to a high shear disperser. Then add components 6-9 one at a time and allow to disperse for 30 minutes.

In a separate container pre-mix components 10-12 with mild agitation. Add dispersion (components 1-9) to components 10-12 slowly, adjust agitation as needed. Do not add polymer to dispersion.

Specifications:

Viscosity	Approximately 5,000 cps
Gloss at 60 degrees	Approximately 45

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