



Formulation

Polyvinylidene Chlorinated Acrylic Latex Red Primer using HALOX CW-491

		<u>LBS</u>	<u>GALS</u>
GRIND			
<i>Mix at low speed.</i>			
Water		169.08	20.26
Rhodoline 646	[1]	2.30	0.30
<i>Premix the next 2 ingredients before adding.</i>			
Acrysol RM-8W	[2]	3.00	0.35
Water		8.50	1.02
<i>Premix the next 2 ingredients before adding, and adjust pH to 8.5 - 9.0</i>			
Methocel J12MS	[3]	1.18	0.10
Water		45.82	5.49
<i>Premix the next 2 ingredients before adding.</i>			
Pluronic F87 Prill Surfactant	[4]	3.15	0.36
Water		7.35	0.88
<i>Add the following under good agitation.</i>			
<i>High speed disperse to 4+ NS Hegman grind.</i>			
<i>Do not exceed 100 degrees F during grinding.</i>			
Bayferrox 180M	[5]	32.00	0.78
HALOX CW-491	[6]	65.50	2.89
Micro Talc AT Extra	[7]	213.00	8.96
LETDOWN			
<i>Add the following and mix at low speed.</i>			
Haloflex 202	[8]	588.00	54.40
<i>Stabilize latex by adjusting to pH 3.5 with 28% Ammonium Hydroxide</i>			
<i>Premix the next 2 ingredients before adding.</i>			
Pluronic F87 Prill Surfactant	[4]	7.02	0.81
Water		16.38	1.96
<i>Mix well; then add:</i>			
Texanol	[9]	11.70	1.48
TOTAL		<u>1,173.98</u>	<u>100.04</u>

Formula Constants

Density (lb/gal)	11.74
Density (g/L)	1406.38
Weight Pigment (%)	26.45
Volume Pigment (%)	12.62
Weight Solids (%)	57.71
Volume Solids (%)	40.89
PVC (%)	32.13
VOC (lb/gal)	0.28
VOC (g/L)	33.08

Formula Properties

KU Viscosity @ 25C	82 - 95
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Supplier Key

- [1] Rhodia Inc.
- [2] Rohm and Haas
- [3] The Dow Chemical Company
- [4] BASF Corporation
- [5] Bayer Corporation
- [6] HALOX
- [7] Mondo Minerals
- [8] AVECIA Neo-Resins
- [9] Eastman Chemical Company

The information contained herein is correct to the best of our knowledge, but is intended only as a source of information. The recommendations or suggestions herein are made without guarantee of representation as to results, and we suggest that you evaluate the recommendations contained in this formulation in your own laboratory prior to use.