Formulation

WATER BASE ACRYLIC LATEX
using HALOX 430 & HALOX 570

		% Wt	Class
Lipaton X 6030	[1]	55.12	Resin
Rhodoline 681-F	[2]	0.30	Defoamer
Butylglycol		3.98	Solvent
Lutsensit A-EP	[3]	0.30	Surfactant
Adjust pH to 9.0 with ammonia.			
Bayferrox 222 FM	[4]	15.52	Pigment
HALOX 430	[5]	10.95	Inhibitor
Millicarb	[6]	6.27	Ca Carbonate
Mistron 403	[7]	4.08	Talc
High speed disperse to 5+ NS Hegman grind.			
NUVIS FX 1010	[8]	0.11	Thickener
Propylene Glycol	[9]	0.38	Solvent
De-Ionized Water		0.60	
Rhodoline 681-F	[2]	0.40	Defoamer
HALOX 570 (30% solution)	[5]	1.00	Inhibitor
Mineral Spirits (Odorless)	[10]	1.00	Solvent
Adjust pH to 9.0 with ammonia.			
TOTAL		100.00	

Formula Constants

Density (g/L)	1375.04
Weight Pigment (%)	36.82
Volume Pigment (%)	15.21
Weight Solids (%)	65.73
Volume Solids (%)	51.99
PVC (%)	30.30
VOC (g/L)	122.07

Formula Properties

pH @ 25°C	9.0 - 9.5
Viscosity - Stormer (KU) @ 25°C	90 - 95
Viscosity - ICI (Poise) @ 25°C	1.5 - 1.8

For best Salt Spray results on cold rolled steel, apply a minimum of 80-90 micron dry film thickness.

Supplier Key

[1] Polymer Latex GmbH & Co. KG
[2] Rhodia Inc.
[3] BASF
[4] Bayer Corporation
[5] HALOX
[6] OMYA GmbH
[7] Luzenac
[8] CONDEA SERVO
[9] The Dow Chemical Company
[10] Shell Chemical

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.

HALOX® 1326 Summer St., Hammond, IN 46320, USA tel: 219.933.1560, www.halox.com

HALOX® 430 HEAVY METAL FREE CORROSION INHIBITOR

WATER BASE ACRYLIC BASED ON LIPATON X 6030

Salt Spray -500 hrs - CRS - 90 microns - % t.f.w.

BLANK (no inhibitor)

HALOX 430® @ 11%

Organic Modified Zinc Aluminum Molybdenum Phosphate @ 11%

LP6030/HLX430E