Formulation

Water Reducible Epoxy Ester Primer using HALOX CW-491

		LBS	GALS
Resydrol AX 237w/70BG	[1]	360.73	42.37
Ammonia Hydroxide (28%)		10.03	1.34
Triethylamine	[2]	16.95	2.82
Additol VXW 6206	[1]	4.09	0.45
Troymax Antiskin B	[3]	1.94	0.25
Patcote 577	[4]	1.00	0.14
De-Ionized Water		100.30	12.02
RO-4097 Kroma Red	[5]	90.49	2.21
HALOX CW-491	[6]	87.29	3.85
Nytal 400	[7]	56.90	2.39
Omyacarb 3	[8]	46.38	2.06
Bartex 65	[9]	71.98	1.98
Aerosil 200	[10]	4.06	0.22
High speed disperse to 5+ NS Hegman grind.			
De-Ionized Water		232.83	27.90
TOTAL		1,084.97	100.00

Formula Constants

Density (lb/gal)	10.85
Density (g/L)	1300.23
Weight Pigment (%)	32.54
Volume Pigment (%)	12.49
Weight Solids (%)	56.46
Volume Solids (%)	40.95
PVC (%)	30.87
VOC (lb/gal)	2.23
VOC (g/L)	267.32

Formula Properties

pH @ 25°C	8.7 - 9.5
Viscosity - Stormer (KU) @ 25°C	90 - 95

Supplier Key

[1] CYTEC
[2] Union Carbide Corporation
[3] Troy Corporation
[4] American Ingredients Company
[5] Elementis Pigments Inc.
[6] HALOX
[7] R.T. Vanderbilt Company, Inc.
[8] OMYA, Inc.
[9] TOR Minerals International
[10] Degussa Corporation

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WATER REDUCIBLE EPOXY ESTER PRIMER
using HALOX CW-491

Salt Spray - 168 hrs - Matte CRS - 2.0 mil (50 microns)

Blank Control

8% Zinc Phosphate

8% HALOX CW-491

8% Calcium Phosphate

resy237-491