



FORMULATION

Solvent-Based Medium Oil Alkyd Primer using HALOX® SZP-391 and HALOX® 630

<u>GRIND</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITERS</u>
<i>Add the following under good agitation.</i>			
Beckosol 11035	[1]	251.05	33.02
Mineral Spirits (Odorless)	[2]	139.46	22.02
HALOX® SZP-391	[3]	83.15	3.08
Nyral 400	[4]	189.67	7.97
Bayferrox 222 FM	[5]	92.98	2.23
Sparmite C	[6]	62.85	1.71
Bentone SD-1	[7]	5.20	0.42
HALOX® 630	[3]	10.20	1.27

High speed disperse to 6+ NS Hegman grind.

<u>LETDOWN</u>			
Beckosol 11035	[1]	203.81	26.81
6% Cobalt Cem-All	[8]	2.38	0.33
8% Calcium Cem-All	[8]	1.95	0.25
12% Zirconium Cem-All	[8]	3.72	0.47
Exkin No. 2	[9]	3.17	0.44

TOTAL		<u>1,049.91</u>	<u>100.00</u>
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FORMULA CONSTANTS

Density (lb/gal)	10.50
Density (g/L)	1258.21
Weight Pigment (%)	40.83
Volume Pigment (%)	14.99
Weight Solids (%)	63.98
Volume Solids (%)	41.05
PVC (%)	37.93
VOC (lb/gal)	3.75
VOC (g/L)	449.39

FORMULA PROPERTIES

Viscosity - Storrer (KU) @ 25°C	80-85
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SUPPLIER KEY

- [1] Reichhold, Inc.
- [2] Shell Chemical
- [3] HALOX®
- [4] R.T. Vanderbilt Company, Inc.
- [5] Lanxess
- [6] Elementis Pigments Inc.
- [7] Elementis Specialties, Inc.
- [8] OMG Americas, Inc.
- [9] Elementis

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HALOX[®] Optimized Synergy

Solvent-Based Medium Oil Alkyd Primer

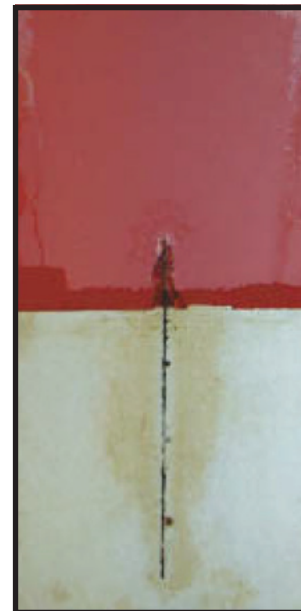
192 hrs. Salt Spray
Cold Rolled Steel (Matte Finish)
1.5 mils +/- 10%
% on Total Formula Weight



Blank
(No Corrosion Inhibitor)



Competitive Control @ 8.0% / 1.0%
(Inorganic/Organic Blend)



HALOX[®] SZP-391 @ 8.0%
(Inorganic)



HALOX[®] SZP-391/630 @ 8.0% / 1.0%
(Inorganic/Organic Blend)

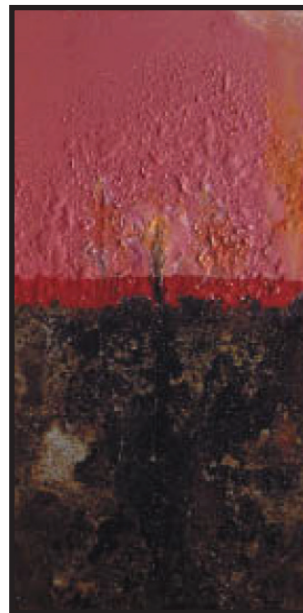
HALOX[®] Optimized Synergy

Solvent-Based Medium Oil Alkyd Primer

Salt Spray - 336 hrs.
Cold Rolled Steel (Matte Finish)
1.5 mils +/- 10%
% on Total Formula Weight



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Competitive Control @ 8.0% / 1.0%
(Inorganic/Organic Blend)



HALOX[®] SZP-391 @ 8.0%
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