



# FORMULATION

## Low Cost Long-Oil Alkyd Red Iron Oxide Primer using HALOX® Zinc Phosphate

<u>GRIND</u>	<u>%WT./WT.</u>	<u>CLASS</u>
70% Long Oil Alkyd Resin [1]	21.10	Resin
Mineral Spirits (Odorless) [2]	18.75	Solvent
Bentone 34 [3]	0.94	Thickener
Methanol [4]	0.23	Solvent
Bayferrox 180M [5]	4.69	Pigment
HALOX® Zinc Phosphate [6]	9.38	Inhibitor
Micro Talc A.T. 1 [7]	32.82	Talc

High speed disperse to 4+ NS Hegman grind.

<u>LETDOWN</u>	<u>%WT./WT.</u>	<u>CLASS</u>
70% Long Oil Alkyd Resin [1]	2.34	Resin
Mineral Spirits (Odorless) [2]	8.62	Solvent
12% Zirconium Cem-All [8]	0.09	Drier
12% Cobalt Cem-All [8]	0.28	Drier
8% Zinc Cem-All [8]	0.38	Drier
4% Calcium Cem-All [8]	0.19	Drier
Skino #1 [8]	0.19	Additive

Mix well until uniform.

<b>TOTAL</b>	<u>100.00</u>
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<u>FORMULA CONSTANTS</u>	
Density (g/L)	1279.82
% Pigment/Wt.	46.88
% Pigment/Vol.	19.95
% Solids/Wt.	64.64
% Solids/Vol.	40.62
% PVC	50.51
VOC (g/L)	452.58

<u>FORMULA PROPERTIES</u>	
KU Visc. @ 25° C	80-90

### SUPPLIER KEY

- [1] Reichhold Inc.
- [2] Shell Chemical
- [3] Elementis Specialties, Inc.
- [4] Ashland Chemical Company
- [5] LANXESS
- [6] HALOX®
- [7] Omya UK Ltd.
- [8] OMG Americas, Inc.

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