



# FORMULATION

## Low Cost Long-Oil Alkyd Red Iron Oxide Primer using HALOX® Z-PLEX 111

<u>GRIND</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITERS</u>
Long Oil Alkyd Resin	[1]	225.00	270.00
Mineral Spirits	[2]	200.00	240.00
Bentone 34	[3]	10.00	12.00
Methanol	[2]	2.50	3.00
R.I.O. RO-4097	[4]	50.00	60.00
HALOX® Z-PLEX 111		100.00	120.00
Mistron 353	[5]	350.00	420.00

*High speed disperse to 4+ NS Hegman grind.*

<u>LETDOWN</u>			
Long Oil Alkyd Resin	[1]	25.00	30.00
Mineral Spirits	[2]	94.50	113.40
Cobalt Drier 12%	[6]	1.00	1.20
Zirconium Drier 12%	[6]	3.00	3.60
Zinc Drier 8%	[6]	4.00	4.80
Calcium Drier 4%	[6]	2.00	2.40
Skino #1	[6]	2.00	2.40

*Mix until uniform.*

<b>TOTAL</b>	<u>1,069.00</u>	<u>1,282.80</u>
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### FORMULA CONSTANTS

% Pigment/Wt.	47.71
% Pigment/Vol.	20.72
% Solids/Wt.	64.49
% Solids/Vol.	40.93
% PVC	50.61
VOC lbs./gal.	3.80
VOC g/l	454.89

### FORMULA PROPERTIES

Density lbs./gal.	10.69
Density g/l	1282.80
KU Visc. @ R.T.	80-90

### SUPPLIER KEY

- [1] Reichhold, Inc. or McWhorter Tech., Inc.
- [2] Ashland Chemical Co.
- [3] Elementis Specialties
- [4] Elementis Pigments Inc.
- [5] Imerys Talc
- [6] OMG Americas

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