



Formulation

High Solids Phenolic Modified Short Oil Alkyd Primer using HALOX SZP-391

<u>GRIND</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITER</u>
Rezamac 2773	[1]	218.75	262.50
Bentone SD-2	[2]	3.00	3.60
Red Iron Oxide RO-4097	[3]	325.00	390.00
HALOX SZP-391		50.00	60.00
Nytral 400	[4]	246.00	295.20
Talc 399	[5]	56.00	67.20
Xylene	[6]	36.25	43.50

High speed disperse to a 5+ NS Hegman grind.

LETDOWN

Rezamac 2773		271.25	325.50
Butyl Acetate	[6]	100.39	120.47
Cobalt Drier 12%	[7]	1.60	1.92
Zirconium Drier 18%	[7]	6.00	7.20
Calcium Drier 8%	[7]	1.80	2.16
Skino #1	[7]	2.00	2.40
Irgacor 153	[8]	10.00	12.00

Mix until uniform.

Adjust with xylene to final viscosity of 90-95 KU.

TOTAL		<u>1328.04</u>	<u>1593.65</u>
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FORMULA CONSTANTS

%Pigment/Wt.	51.25
%Pigment/Vol.	22.67
%Solids/Wt.	79.37
%Solids/Vol.	62.55
%PVC	36.25
VOC lbs./gal.	2.74
VOC g/l	328.36

FORMULA PROPERTIES

Density lbs./gal.	13.28
Density g/l	1593.65
KU Visc. @ R.T.	90-95

SUPPLIER KEY

- [1] McWhorter Technologies, Inc.
- [2] RHEOX, Inc.
- [3] Elementis Pigments Inc.
- [4] R.T. Vanderbilt Co., Inc.
- [5] Whittaker, Clark, & Daniels, Inc.
- [6] Ashland Chemical Co.
- [7] OMG Americas
- [8] Ciba Specialty Chemicals

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.

SOA/391

WN-121598

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