Formulation

Medium Oil Alkyd White Primer using HALOX SZP-391 & CW-22/221

		LBS	GALS
GRIND			
Duramac 204-1409	[1]	200.00	26.33
Premix the next 3 ingredients before adding.			
Mineral Spirits (Odorless)	[2]	100.00	15.79
Bentone 34	[3]	3.00	0.21
Methanol	[4]	1.00	0.15
Then add the following in order listed.			
Ti-Pure R-900	[5]	50.00	1.50
HALOX SZP-391	[6]	65.00	2.40
HALOX CW-22/221	[6]	35.00	1.55
Nytal 400	[7]	225.00	9.46
High speed disperse to 4+ NS Hegman grind.			
LETDOWN			
Duramac 204-1409	[1]	260.00	34.23
Mineral Spirits (Odorless)	[2]	42.32	6.68
12% Zirconium Cem-All	[8]	4.00	0.50
12% Cobalt Cem-All	[8]	1.00	0.12
8% Zinc Cem-All	[8]	4.50	0.61
6% Manganese Cem-All	[8]	1.00	0.14
Skino #1	[8]	2.50	0.33
Mix well until uniform.			
TOTAL		994.32	100.00

Formula Constants

Density (lb/gal)	9.94
Density (g/L)	1191.62
Weight Pigment (%)	37.71
Volume Pigment (%)	14.91
Weight Solids (%)	61.58
Volume Solids (%)	40.29
PVC (%)	37.57
VOC (lb/gal)	3.82
VOC (g/L)	457.86

Formula Properties

KU Viscosity @ 25°C	90 - 95

Supplier Key

[1] HEXION
[2] Shell Chemical
[3] Elementis Specialties, Inc.
[4] Ashland Chemical Company
[5] DuPont Chemicals
[6] HALOX
[7] R.T. Vanderbilt Company, Inc.
[8] OMG Americas, Inc.

Play Formula **2011-09-02**