



STARTING FORMULA **LR4-53**

LPRT/VT ALKYD FLAT DRYWALL PAINT

<u>RAW MATERIAL</u>	US				<u>WEIGHT %</u>
	<u>POUNDS</u>	<u>GALLONS</u>	<u>KGS</u>	<u>LITRES</u>	
Medium Oil Alkyd 11-045 50%	109.5	14.46	131.2	144.6	9.43%
Bentone SD-1 Rheology Modifier	5.0	0.40	6.0	4.0	0.43%
VM & P Naphtha	105.0	16.71	125.8	167.1	9.05%
<i>Mix well, then add:</i>					
Lorama LDA100 Polymeric Dispersant	0.9	0.11	1.1	1.1	0.08%
G-3300 Surfactant	1.6	0.19	1.9	1.9	0.14%
R-902 Titanium Dioxide Pigment	40.0	1.20	47.9	12.0	3.45%
Atomite	390.0	17.28	467.4	172.8	33.60%
Camel Carb	100.0	4.43	119.8	44.3	8.62%
Optiwhite	70.0	3.82	83.9	38.2	6.03%
<i>Grind to 4+N.S., then add the following to stabilize the grind:</i>					
Medium Oil Alkyd 11-045 50%	15.1	2.00	18.1	20.0	1.30%
VM & P Naphtha	13.1	2.08	15.7	20.8	1.13%
<i>Mix well, then add:</i>					
Skino #2 Anti-Skinning Agent	1.1	0.15	1.3	1.5	0.09%
Lorama LPR76 Polysaccharide Resin - 44% NV	40.0	4.03	47.9	40.3	3.45%
<i>Mix well, then add:</i>			0.0	0.0	
Triton X-100 Dispersant	7.0	0.79	8.4	7.9	0.60%
WATER	240.0	28.80	287.6	288.0	20.68%
VM & P Naphtha	22.4	3.55	26.8	35.5	1.93%
TOTALS	1160.7	100.00	1391.0	1000.0	100.00%
Viscosity:	100 K.U. ± 5 K.U.				
Density (lbs/gal):	11.60				
Specific Gravity:	1.39				
P.V.C.:	74.8 %				
Pigment/Binder Ratio:	6.79				
	<u>WEIGHT %</u>	<u>VOLUME %</u>			
Pigment Content:	52.12	27.12			
Volatile:	40.20	63.74			
Organic Solvent:	17.59	32.25			
Total Non-Volatile:	59.80	36.26			
Vehicle Non-Volatile:	7.68	9.14			
Actual VOC:	245 grams/litre	ISO 11890-2, ISO 11890-1			
	2.04 pounds/gallon				

DISCLAIMER

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