



STARTING FORMULA **N7-28**

**LPRT/VT ALKYD RED BARN PAINT**

<u>RAW MATERIAL</u>	US				<u>WEIGHT %</u>
	<u>POUNDS</u>	<u>GALLONS</u>	<u>KGS</u>	<u>LITRES</u>	
Reichold 10-060 70% LOA	100.00	12.53	119.8	125.3	10.65%
Mineral Spirits	20.00	3.06	24.0	30.6	2.13%
Bentone SD-1 Rheology Modifier	2.00	0.16	2.4	1.6	0.21%
<i>Disperse 10 minutes, then add under agitation:</i>					
<b>Lorama LDA100 Polymeric Dispersant</b>	3.80	0.48	4.6	4.8	0.40%
Hex-Cem Calcium Drier 10%	3.60	0.43	4.3	4.3	0.38%
<i>Mix for 5 minutes then add:</i>					
BAYER Bayferrox 180M	50.00	1.20	59.9	12.0	5.33%
BAYER Bayferrox 318 Black Oxide	4.00	0.10	4.8	1.0	0.43%
OMYA Snowwhite 3	180.00	8.00	215.7	80.0	19.18%
<i>Disperse to Hegman 7, then stabilize with the following:</i>					
Reichold 10-060 70% LOA	25.00	3.13	30.0	31.3	2.66%
Mineral Spirits	25.00	3.83	30.0	38.3	2.66%
<i>Add to Letdown while mixing:</i>					
Reichold 10-060 70% LOA	75.00	9.40	89.9	94.0	7.99%
L.V. Lomas Linseed Oil LV-65	70.00	8.72	83.9	87.2	7.46%
Mineral Spirits	113.42	17.36	135.9	173.6	12.08%
Hex-Chem Cobalt Octoate 12%	1.40	0.17	1.7	1.7	0.15%
Hex-Chem Zirconium Octoate 12%	5.45	0.68	6.5	6.8	0.58%
Skino #2 Anti-Skinning Agent	1.50	0.20	1.8	2.0	0.16%
<i>Add and mix for 5 minutes:</i>					
<b>Lorama LPR76 Polysaccharide Resin - 44% NV</b>	<b>30.00</b>	<b>3.02</b>	<b>36.0</b>	<b>30.2</b>	<b>3.20%</b>
<i>Add to vortex while mixing:</i>					
WATER	225.00	27.00	269.6	270.0	23.97%
<i>Adjust viscosity with:</i>					
Mineral Spirits	3.47	0.53	4.2	5.3	0.37%
<i>Mix for 30 minutes</i>					
<b>TOTALS</b>	<b>938.64</b>	<b>100.00</b>	<b>1124.9</b>	<b>1000.0</b>	<b>100.00%</b>
Viscosity: 80 K.U. ± 5 K.U. Density (lbs/gal): 9.39 Specific Gravity: 1.13 P.V.C.: 26.28 % Pigment/Binder Ratio: 1.02  <div style="display: flex; justify-content: space-between;"> <span></span> <span><u>WEIGHT %</u></span> <span><u>VOLUME %</u></span> </div> Pigment Content: 25.14 9.46 Volatile: 50.12 64.01 Organic Solvent: 24.36 34.99 Total Non-Volatile: 49.88 35.99 Vehicle Non-Volatile: 24.73 26.54  Actual VOC: 274 grams/litre ISO 11890-2, ISO 11890-1 2.28 pounds/gallon					

**DISCLAIMER**

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