



# Formulation

## Styrene Butadiene (SBR) Latex Nicotine & Water Stain Blocking Primer for Ceiling Tiles using HALOX BW-100

		<u>LBS</u>	<u>GALS</u>
<i>GRIND</i>			
Water		110.00	13.18
Foamaster NDW	[1]	1.00	0.13
KTPP	[2]	1.50	0.19
AMP-95	[3]	4.00	0.51
Propylene Glycol	[4]	7.20	0.83
Dowanol PPh	[4]	10.00	1.13
Surfynol 104PG-50	[5]	6.75	0.84
Dowicil 75	[4]	1.00	0.08
<i>Add the following in order listed while mixing.</i>			
Tronox CR-822	[6]	150.00	4.49
HALOX BW-100	[7]	33.00	1.43
Zinc Oxide	[8]	17.00	0.36
Duramite	[9]	215.00	9.54
<i>High speed disperse to 5+ NS Hegman grind.</i>			
<i>LETDOWN</i>			
DL 313 NA	[10]	423.00	50.18
Foamaster NDW	[1]	1.00	0.13
Acrysol SCT-275	[11]	18.00	1.96
Water		125.25	15.01
<i>Add grind portion under agitation and mix until uniform.</i>			
<b>TOTAL</b>		<b>1,129.10</b>	<b>100.00</b>

<u>Formula Constants</u>	
Density (lb/gal)	11.24
Density (g/L)	1346.61
Weight Pigment (%)	36.93
Volume Pigment (%)	15.82
Weight Solids (%)	55.65
Volume Solids (%)	40.14
PVC (%)	40.10
VOC (lb/gal)	0.69
VOC (g/L)	82.91

<u>Formula Properties</u>	
KU Viscosity @ 25C	85 - 90

- Supplier Key**
- [1] Cognis Corporation
  - [2] FMC Corporation
  - [3] ANGUS Chemical Company
  - [4] The Dow Chemical Company
  - [5] Air Products
  - [6] Kerr-McGee Chemical LLC
  - [7] HALOX
  - [8] Valspar Corporation
  - [9] IMERYS
  - [10] The Dow Chemical Company, Ltd.
  - [11] Rohm and Haas

*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.*