



# Formulation

## Waterborne Acrylic Primer using HALOX 430

<u>GRIND</u>		<u>LBS.</u>	<u>GALS.</u>	<u>% Wt/Wt.</u>
Propylene Glycol	[1]	39.69	4.58	3.62
Water		104.36	12.51	9.53
Tamol 165A	[2]	18.09	1.97	1.65
Ammonia (28%)		1.03	0.14	0.09
Triton CF-10	[1]	2.07	0.23	0.19
Foamex 1488	[3]	1.54	0.18	0.14
Bayferrox 130M	[4]	76.48	1.83	6.98
<b>HALOX 430</b>		54.78	2.51	5.00
Atomite	[5]	228.73	10.15	20.88

*High speed disperse to a 5+ NS Hegman grind.*

### LETDOWN

Rhoplex WL-100	[2]	459.90	52.48	41.98
Water		1.98	0.24	0.18
Ammonia (28%)		1.00	0.13	0.09
Dowanol PnB	[1]	46.36	6.10	4.23
Dibutyl Phthalate	[6]	23.18	2.66	2.12
Foamex 1488	[3]	1.04	0.12	0.09
<b>HALOX FLASH-X 150</b>		5.50	0.59	0.50
Acrysol RM-8W	[2]	3.08	0.36	0.28
Water		26.82	3.22	2.45

<b>TOTAL</b>		<u>1095.63</u>	<u>100.00</u>	<u>100.00</u>
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### FORMULA CONSTANTS

% Pigment/Wt.	32.86
% Pigment/Vol.	14.49
% Solids/Wt.	54.83
% Solids/Vol.	40.41
% PVC	36.49
VOC lbs./gal.	2.04
VOC g/L	244.97

### FORMULA PROPERTIES

Density	10.96 lbs./gal.
Density	1312.98 g/L
pH @ 25°C	9.0-9.5
Stormer Viscosity @ 25°C	75-85 KU
ICI Viscosity @ 25°C	0.50-0.70 poise

### SUPPLIER KEY

[1]	The Dow Chemical Company
[2]	Rohm and Haas Company
[3]	Tego Chemie
[4]	Bayer Corporation
[5]	IMERYS
[6]	Eastman Chemical Company

*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.*