Formulation

Water Base Acrylic Latex Primer using HALOX CW-491

GRIND		LBS./100 GALS.	GRAMS/LITER
Water		83.40	100.08
Dowanol DPM	[1]	36.49	43.79
AMP-95	[2]	3.13	3.76
Troysol Lac	[3]	2.09	2.51
Drew L-493	[4]	1.00	1.20
Tamol 165A	[5]	10.00	12.00
Add the following at high speed and disperse to a 5+ NS Hegman grind.			
R.I.O. R-4098	[6]	59.84	71.81
HALOX CW-491		25.00	30.00
Calwhite	[7]	180.73	216.88
LETDOWN			
Water		52.45	62.94
Maincote HG-56	[5]	531.67	638.00
Dibutyl Phthalate		13.45	16.14
Drew L-493	[4]	3.75	4.50
Ammonia Hydroxide (28%)		1.70	2.40
Add grind portion under agitation and mix. Then add the following in order.			
Texanol	[8]	4.17	5.00
HALOX FLASH-X 150		5.21	6.25
Add slowly while mixing at high speed. DO NOT AERATE!			
Polyphobe 102	[9]	5.21	6.25
Polyphobe 106HE	[9]	2.09	2.51
Mix until uniform.			
TOTAL		1021.38	1226.02

FORMULA CONSTANTS

%Pigment/Wt.	26.00
%Pigment/Vol.	10.49
%Solids/Wt.	52.92
%Solids/Vol.	41.92
%PVC	25.04
VOC lbs./gal.	1.54
VOC g/l	185.05

FORMULA PROPERTIES

Density lbs./gal.	10.21
Density g/l	1225.66
pH @ R.T.	9.0-9.5
KU Visc. @ R.T.	85-90
ICI (poise)	

SUPPLIER KEY

[1] The Dow Chemical Co.
[2] ANGUS Chemical Co.
[3] Troy Corp.
[4] Ashland Chemical Co., Drew Industrial Div.
[5] Rohm and Haas Co.
[6] Elementis Pigments Inc.
[7] ECC International
[8] Eastman Chemical Co.
[9] Union Carbide Corp.

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 you own laboratory prior to use.

HG56/491 **WU-122898**

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