



Formulation

White High Gloss DTM Acrylic Latex for Weld Seams using HALOX 515

<u>GRIND</u>		<u>LBS.</u>	<u>GALS.</u>	<u>%Wt/Wt.</u>
Water		41.37	4.97	4.10
Surfynol CT131	[1]	7.66	0.88	0.76
Surfynol 104DPM	[1]	1.50	0.19	0.15
Surydol DF210	[1]	0.66	0.09	0.07
Ammonia (28%)		0.38	0.05	0.04
Ti-Pure R706	[2]	191.53	5.75	18.99
<i>High Speed Disperse to a 7+ NS Hegman; then add letdown</i>				
<u>LETDOWN</u>				
Hydreau IC 720	[3]	636.75	72.77	63.15
Dowanol PnB	[4]	43.06	5.84	4.27
Dowanol DPnB	[4]	43.06	5.70	4.27
<i>Add grind from above.</i>				
Byk-025	[5]	4.87	0.61	0.48
HALOX 515		20.20	2.30	2.00
Benzoflex 9-88	[6]	14.32	1.52	1.42
Acrysol SCT-275	[7]	1.43	0.17	0.14
Ammonia (28%)		1.56	0.21	0.15
TOTAL		1008.35	101.05	100.00

<u>FORMULA CONSTANTS</u>	
%Pigment/Wt.	18.99
%Pigment/Vol.	5.69
%Solids/Wt.	53.03
%Solids/Vol.	42.05
%PVC	13.59
VOC lbs./gal.	2.00
VOC g/l	239.54

<u>FORMULA PROPERTIES</u>	
Density lbs./gal.	9.98
Density g/l	1197.60
pH @ R.T.	9.0-9.5
KU Visc. @ R.T.	85-90
ICI (poise)	1.20-1.50
Gloss (60°/20°)	85/65

<u>SUPPLIER KEY</u>	
[1]	Air Products Co.
[2]	Dupont Co.
[3]	Eastman Chemical Co.
[4]	Dow Chemical Co
[5]	Byk Chemie USA Inc..
[6]	Velsicol
[7]	Rohm & 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.

HYDR720/515

TNG-090803