



Formulation

High Gloss D.T.M. Water Base Acrylic using HALOX CZ-170

		<u>% Wt</u>	<u>Class</u>
<i>GRIND</i>			
Water		6.57	
Tamol 681	[1]	0.65	Dispersant
Surfynol 104A	[2]	0.20	Surfactant
Drewplus L-405	[3]	0.10	Defoamer
Acrysol RM-825	[1]	0.10	Thickener
Ti-Pure R-706	[4]	18.87	Ti Dioxide
HALOX CZ-170	[5]	1.24	Inhibitor
<i>High speed disperse to 5+ NS Hegman grind.</i>			
<i>LETDOWN</i>			
EPS 2504	[6]	57.17	Resin
Water		7.31	
Ammonia Hydroxide (28%)		0.20	Amine
Texanol	[7]	7.10	Solvent
HALOX FLASH-X 150	[5]	0.50	Flash Rust Inhibitor
TOTAL		100.00	

Formula Constants

Density (g/L)	1203.67
Weight Pigment (%)	20.11
Volume Pigment (%)	6.11
Weight Solids (%)	46.26
Volume Solids (%)	34.81
PVC (%)	17.75
VOC (g/L)	204.52

Formula Properties

pH @ R.T.	8.5 - 9.0 pH
KU Viscosity @ 25C	85 - 90
ICI	0.20 - 0.30

Supplier Key

- [1] Rohm and Haas
- [2] Air Products
- [3] Ashland Chemical Co., Drew Industrial Div.
- [4] DuPont Chemicals
- [5] HALOX
- [6] Engineered Polymer Solutions, Inc.
- [7] 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.