



Formulation

Water Base Acrylic Gloss DTM using HALOX 515

		<u>% Wt</u>	<u>Class</u>
<i>GRIND</i>			
Water		5.96	
Orotan 681	[1]	0.89	Dispersant
Drewplus T-4310	[2]	0.10	Defoamer
Triton CF-10	[3]	0.20	Surfactant
Ammonia Hydroxide (28%)		0.10	Amine
Ti-Pure R-706	[4]	20.38	Ti Dioxide
<i>High speed disperse to 7+ NS Hegman grind.</i>			
<i>LETDOWN</i>			
Maincote HG-86ER	[1]	57.35	Resin
Water		3.58	
Ammonia Hydroxide (14%)		0.20	Amine
<i>Add grind portion under agitation and mix until uniform.</i>			
Texanol	[5]	3.75	Solvent
Propylene Glycol	[3]	0.99	Solvent
Methanol	[6]	3.48	Solvent
HALOX 515	[7]	2.00	Inhibitor
Ammonia Hydroxide (14%)		0.13	Amine
<i>Adjust pH to 9.5 with ammonia.</i>			
Water		0.60	
Acrysol RM-8W	[1]	0.10	Thickener
Acrysol RM-12W	[1]	0.20	Thickener
TOTAL		100.00	

Formula Constants

Density (g/L)	1189.73
Weight Pigment (%)	20.38
Volume Pigment (%)	6.06
Weight Solids (%)	46.28
Volume Solids (%)	34.82
PVC (%)	17.89
VOC (g/L)	222.38

Formula Properties

pH @ 25°C	9.0 - 9.5
Viscosity - Stormer (KU) @ 25°C	80 - 90
Viscosity - ICI (Poise) @ 25°C	0.2 - 0.5
Gloss @ 60°	78 - 82

Supplier Key

- [1] Rohm and Haas
- [2] Ashland Nederlands bv, Drew Ameroid GmbH
- [3] The Dow Chemical Company
- [4] DuPont Chemicals
- [5] Eastman Chemical Company
- [6] Ashland Chemical Company
- [7] HALOX

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.



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336 Hours Salt Spray - Cold Rolled Steel - 2.0 mils (50 microns)



Blank



2% HALOX 515