



Formulation

High Gloss D.T.M. Water Base Acrylic using HALOX SZP-391

<u>GRIND</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITER</u>
Water		65.97	79.17
Tamol 681	[1]	6.50	7.80
Surfynol 104A	[2]	2.00	2.40
Bubble Breaker 3056A	[3]	1.00	1.20
Acrysol RM-825	[1]	1.00	1.20
Ti-Pure R-706	[4]	189.50	227.40
HALOX SZP-391		12.50	15.00

High speed disperse to a 5+ NS Hegman grind.

LETDOWN

EPS-2504	[5]	574.20	689.04
Water		73.41	88.09
Ammonia Hydroxide (28%)		2.00	2.40
Texanol	[6]	71.30	85.56
HALOX FLASH-X 150		5.00	6.00

TOTAL		<u>1004.38</u>	<u>1205.26</u>
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FORMULA CONSTANTS

%Pigment/Wt.	20.11
%Pigment/Vol.	6.18
%Solids/Wt.	46.19
%Solids/Vol.	34.27
%PVC	18.05
VOC lbs./gal.	1.84
VOC g/l	220.25

FORMULA PROPERTIES

Density lbs./gal.	10.04
Density g/l	1204.80
pH @ R.T.	8.5-9.0
KU Visc. @ R.T.	85-90
<i>(Package stability is equal to control formula without inhibitor.)</i>	
ICI (poise)	0.20-0.30

SUPPLIER KEY

- [1] Rohm and Haas Co.
- [2] Air Products and Chemicals, Inc.
- [3] Witco Corp.
- [4] Du Pont Co.
- [5] Engineered Polymer Solutions, Inc.
- [6] Eastman Chemical Co.

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.