



Formulation

Cost Effective Water Base Acrylic Tannin Stain Blocking Primer using HALOX XTAIN L-44

<u>GRIND</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITER</u>
Water		100.00	119.83
Tamol 681	[1]	25.10	30.08
Propylene Glycol		51.80	62.07
Rhodoline 643	[2]	1.90	2.28
Troysan 586	[3]	1.20	1.44
Ti-Pure R-902	[4]	155.00	185.74
Minex 4	[5]	120.00	143.80
I.T. 325	[6]	145.00	173.76
HALOX XTAIN L-44		35.00	41.94

LETDOWN

Water		75.60	90.59
UCAR Latex 627	[7]	399.00	478.13
UCAR Filmer IBT	[7]	13.90	16.66
Skane M-8	[1]	2.30	2.76
Rhodoline 643	[2]	2.00	2.40
HALOX FLASH-X 150		5.70	6.84
Acrysol RM-2020 NPI	[1]	10.35	12.40
Acrysol RM-825	[1]	4.80	5.75
Ammonia Hydroxide (28%)		2.00	2.40
Igepal CTA 639W	[8]	4.10	4.91

TOTAL		<u>1154.75</u>	<u>1383.78</u>
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FORMULA CONSTANTS

%Pigment/Wt.	36.55
%Pigment/Vol.	16.19
%Solids/Wt.	52.53
%Solids/Vol.	34.36
%PVC	46.00
VOC lbs./gal.	2.06
VOC g/l	247.00

FORMULA PROPERTIES

Density lbs./gal.	11.52
Density g/l	1380.52
pH @ R.T.	8.5-9.0
KU Visc. @ R.T.	90-100
<i>(Should not exceed a 20 KU increase after 30 days in the oven @ 55°C)</i>	
ICI (poise)	1.00-1.50

SUPPLIER KEY

[1]	Rohm and Haas Co.
[2]	Rhodia, Inc.
[3]	Troy Corp.
[4]	Du Pont Co.
[5]	Unimin Specialty Minerals, Inc.
[6]	R.T. Vanderbilt Co., Inc.
[7]	Union Carbide Corp.
[8]	Rhone- Poulenc Inc.

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.

U627/L-44HP

DS-081402

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