



Formulation

Water Base Acrylic Shop Primer using HALOX CW-491 & SZP-391

<u>GRIND</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITER</u>
Water		64.97	77.97
Butyl Cellosolve	[1]	36.68	44.02
Tamol 165A	[2]	11.12	13.34
Igepal CTA-639	[3]	4.06	4.87
Foamaster AP	[4]	1.00	1.20
Bentone LT	[5]	1.03	1.24
Ethanol (95%)		9.01	10.81
Bayferrox 120NM	[6]	50.00	60.00
HALOX CW-491		25.00	30.00
HALOX SZP-391		25.00	30.00
Albaglos	[7]	105.46	126.55
Talc 2610	[8]	105.46	126.55

Sandmill to a 7+ NS Hegman grind.

<u>LETDOWN</u>		<u>LBS./100 GALS.</u>	<u>GRAMS/LITER</u>
Water		114.01	136.81
Maincote PR-15	[2]	442.18	530.62
Butyl Cellosolve	[1]	36.68	44.02
Dibutyl Phthalate	[9]	6.29	7.55
Foamaster AP	[4]	1.00	1.20
Ammonia Hydroxide (28%)		2.00	2.40
Ethanol (95%)		9.01	10.81
HALOX FLASH-X 150		10.00	12.00

Add grind portion under agitation and mix until uniform.

TOTAL		<u>1059.96</u>	<u>1271.96</u>
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FORMULA CONSTANTS

%Pigment/Wt.	29.68
%Pigment/Vol.	12.71
%Solids/Wt.	50.57
%Solids/Vol.	36.42
%PVC	35.00
VOC lbs./gal.	2.05
VOC g/l	245.15

FORMULA PROPERTIES

Density lbs./gal.	10.00
Density g/l	1271.96
KU Visc. @ R.T.	70-75
ICI (poise)	0.60-0.80
Application:	Spray

SUPPLIER KEY

[1]	Union Carbide Corp.
[2]	Rohm and Haas Co.
[3]	Rhodia, Inc.
[4]	Cognis Corporation
[5]	RHEOX, Inc.
[6]	Bayer Corp.
[7]	Specialty Mineral, Inc.
[8]	Whittaker, Clark & Daniels, Inc.
[9]	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 your own laboratory prior to use.

**WATER BASE ACRYLIC SHOP PRIMER based on
Maincote PR-15 using HALOX SZP-391 & CW-491**

Salt Spray - 240 hrs - Blasted Hot Rolled Steel - 3.0 mils (75 microns) - % t.f.w.



BLANK CONTROL



Calcium Zinc Phospho-
Molybdate @ 7.2%



HALOX SZP-391 / CW-491
@ 2.4 / 2.4 %



HALOX SZP-391 / CW-491
@ 4.8 / 4.8 %

**WATER BASE ACRYLIC SHOP PRIMER based on
Maincote PR-15 using HALOX SZP-391 & CW-491**

Prohesion - 1008 hrs - Blasted Hot Rolled Steel - 3.0 mils (75 microns) - % t.f.w.



BLANK CONTROL



Calcium Zinc Phospho-
Molybdate @ 7.2%



HALOX SZP-391 / CW-491
@ 2.4 / 2.4 %



HALOX SZP-391 / CW-491
@ 4.8 / 4.8 %