



# Formulation

## Heavy-Metal-Free Styrenated Acrylic Red Oxide Primer using HALOX CW-491

<u>GRIND</u>		<u>LBS.</u>	<u>GALS.</u>	<u>%Wt./Wt.</u>
DI Water		57.00	6.84	5.45
Dowanol DPM	[1]	41.50	5.20	4.00
Dispers 750W	[2]	37.50	4.64	3.60
Wet 500	[2]	6.75	0.80	0.65
Foamex 800	[2]	2.40	0.32	0.23
Bayferrox 140M	[3]	36.00	0.85	3.47
HALOX CW-491		57.00	2.28	5.50
Omyacarb 1T-AV	[4]	193.00	8.58	18.60

High speed disperse for 20 minutes to a 6 NS Hegman grind.

### LETDOWN

DI Water		177.00	21.25	17.00
Foamex 800	[2]	2.40	0.32	0.23
10% Sod. Nitrate		6.85	0.74	0.66
Ammonia		1.30	0.16	0.13
Rheolate 216	[5]	2.40	0.28	0.23
Rheolate 250	[5]	3.30	0.39	0.32
Texicryl 17-0376	[6]	414.50	47.35	39.93

### **TOTAL**

1038.90	100.00	100.00
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### FORMULA CONSTANTS

%Pigment/Wt.	27.57
%Pigment/Vol.	11.74
%Solids/Wt.	50.29
%Solids/Vol.	37.88
%PVC	33.79
VOC lbs./gal.	1.74
VOC g/l	208.63

### FORMULA PROPERTIES

Density lbs./gal.	10.38
Density g/l	1245.60
Stormer Viscosity	90-100 KU
ICI Viscosity	0.6-0.7 poise
pH	8.5-9.0

### SUPPLIER KEY

[1]	Dow Chemical
[2]	DeGussa
[3]	Bayer
[4]	Omya
[5]	Elementis Specialties, Inc.
[6]	Scott Bader, 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.

170376/CW491

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