



Formulation

Universal Styrenated Acrylic Primer using HALOX SW-111

| <u>GRIND</u> | | <u>LBS.</u> | <u>GALS.</u> | <u>%Wt./Wt.</u> |
|----------------|-----|----------------|---------------|-----------------|
| DI Water | | 57.40 | 6.89 | 5.54 |
| Dowanol DPM | [1] | 41.50 | 5.22 | 4.00 |
| Dispers 750W | [2] | 37.30 | 4.62 | 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 | 0.87 | 3.47 |
| HALOX SW-111 | | 72.50 | 3.03 | 7.00 |
| Omyacarb 1T-AV | [4] | 175.60 | 7.80 | 16.94 |
| TOTAL | | <u>1036.65</u> | <u>100.00</u> | <u>100.00</u> |

FORMULA CONSTANTS

| | |
|---------------|--------|
| %Pigment/Wt. | 27.42 |
| %Pigment/Vol. | 11.71 |
| %Solids/Wt. | 50.15 |
| %Solids/Vol. | 71.75 |
| %PVC | 33.78 |
| VOC lbs./gal. | 1.87 |
| VOC g/l | 223.66 |

FORMULA PROPERTIES

| | |
|-------------------|---------------|
| Density lbs./gal. | 10.37 |
| Density g/l | 1244.40 |
| 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. |

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

Letdown

| | | | | |
|------------------|-----|--------|-------|-------|
| DI Water | | 177.00 | 21.25 | 17.07 |
| Foamex 800 | [2] | 2.40 | 0.32 | 0.23 |
| 10% Sod. Nitrate | | 6.75 | 0.73 | 0.65 |
| Ammonia | | 1.35 | 0.18 | 0.13 |
| Rheolate 216 | [5] | 2.40 | 0.28 | 0.23 |
| Rheolate 350 | [5] | 3.30 | 0.39 | 0.32 |
| Texicryl 17-0376 | [6] | 414.00 | 47.30 | 39.94 |

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.