



Formulation

Hybrid Acrylic Modified Alkyd Primer using HALOX 430

| <u>GRIND</u> | | <u>LBS.</u> | <u>GALS.</u> | <u>% Wt/Wt.</u> |
|-----------------------|-----|-------------|--------------|-----------------|
| Resydrol AY 466w/38WA | [1] | 348.51 | 40.54 | 31.52 |
| Ammonia (28%) | | 1.59 | 0.21 | 0.14 |
| Additol VXW 6206 | [1] | 6.17 | 0.68 | 0.56 |
| Water | | 36.12 | 4.33 | 3.27 |
| Additol XL 250 | [1] | 8.17 | 1.08 | 0.74 |
| Patcote 519 | [2] | 0.50 | 0.07 | 0.04 |
| Patcote 577 | [2] | 0.50 | 0.07 | 0.04 |
| Ti-Pure R-960 | [3] | 121.88 | 3.75 | 11.02 |
| Bayferrox 318M | [4] | 2.49 | 0.07 | 0.23 |
| HALOX 430 | | 57.78 | 2.64 | 5.23 |
| Minex 7 | [5] | 151.65 | 6.96 | 13.72 |
| Nyral 300 | [6] | 43.31 | 1.82 | 3.92 |
| Attigel 50 | [7] | 7.57 | 0.38 | 0.68 |

High speed disperse to a 5+ NS Hegman grind.

LETDOWN

| | | | | |
|-----------------------|-----|--------|-------|-------|
| Resydrol AY 466w/38WA | [1] | 269.95 | 31.40 | 24.41 |
| Water | | 41.52 | 4.98 | 3.76 |
| Troymax Antiskin B | [8] | 1.79 | 0.23 | 0.16 |
| Arcosolv PM Solvent | [9] | 3.09 | 0.40 | 0.28 |
| Arcosolv DPM | [9] | 3.09 | 0.39 | 0.28 |

Adjust to desired viscosity with water.

| | | | | |
|--------------|--|----------------|---------------|---------------|
| TOTAL | | <u>1105.68</u> | <u>100.00</u> | <u>100.00</u> |
|--------------|--|----------------|---------------|---------------|

FORMULA CONSTANTS

| | |
|----------------|--------|
| % Pigment/Wt. | 34.11 |
| % Pigment/Vol. | 15.24 |
| % Solids/Wt. | 56.84 |
| % Solids/Vol. | 42.01 |
| % PVC | 37.42 |
| VOC lbs./gal. | 1.06 |
| VOC g/L | 127.25 |

FORMULA PROPERTIES

| | |
|--------------------------|-----------------|
| Density | 11.06 lbs./gal. |
| Density | 1325.04 g/L |
| pH @ 25°C | 8.5-9.0 |
| Stormer Viscosity @ 25°C | 80-90 KU |
| ICI Viscosity @ 25°C | 0.50 poise |

SUPPLIER KEY

| | |
|-----|-------------------------------|
| [1] | UCB Surface Specialties |
| [2] | American Ingredients Company |
| [3] | DuPont Chemicals |
| [4] | Bayer Corporation |
| [5] | Unimin Corporation |
| [6] | R.T. Vanderbilt Company, Inc. |
| [7] | Engelhard Corporation |
| [8] | Troy Corporation |
| [9] | Lyondell Chemical Company |

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.

RESY466/430

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