



Formulation

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

| <u>GRIND</u> | <u>% Wt./Wt.</u> | |
|---|------------------|--------------------------|
| <i>Add the following in order listed while mixing at low speed.</i> | | |
| Water | 13.26 | |
| Attagel 40 | [1] 0.38 | Pigment |
| Kathon LX or Rozone 2000 | [2] 0.09 | Preservative |
| Tamol 2001 | [2] 0.57 | Dispersant |
| Ammonia Hydroxide (28%) | 0.09 | Amine |
| Drew L-475 | [3] 0.28 | Defoamer |
| <i>Add at high speed.</i> | | |
| Ti-Pure R-706 | [4] 11.84 | TiO ₂ Pigment |
| Minex 4 | [5] 5.68 | Filler |
| Nicron 353 | [6] 3.78 | Talc Pigment |
| <i>High speed disperse to a 4-5 NS Hegman grind.</i> | | |
| | | |
| <u>LETDOWN</u> | | |
| <i>Add at slow speed.</i> | | |
| Water | 20.22 | |
| HALOX XTAIN L-44 | 3.56 | Tannin Stain Inhibitor |
| Rhoplex PR-29 | [2] 28.40 | Resin |
| Ethylene Glycol | [7] 1.76 | Solvent |
| Acrysol M-2020 | [2] 1.89 | Thickener |
| Acrysol M-825 | [2] 0.38 | Thickener |
| HALOX FLASH-X 150 | 0.40 | Flash Rust Inhibitor |
| <i>Do not AERATE!</i> | | |
| | | |
| TOTAL | <u>92.58</u> | |

| <u>FORMULA CONSTANTS</u> | |
|--------------------------|-------|
| %Pigment/Wt. | 27.83 |
| %Pigment/Vol. | 10.34 |
| %Solids/Wt. | 40.19 |
| %Solids/Vol. | 24.97 |
| %PVC | 41.40 |
| VOC g/l | 70.77 |

| <u>FORMULA PROPERTIES</u> | |
|---|-----------|
| Density g/l | 1266.64 |
| pH @ R.T. | 8.5-9.5 |
| KU Visc. @ R.T. | 85-90 |
| <i>(Should not exceed a 15 KU increase after 30 days in the oven at 55°C)</i> | |
| ICI (poise) | 1.00-1.30 |

| <u>SUPPLIER KEY</u> | |
|---------------------|--------------------------------|
| [1] | Engelhard Corp. |
| [2] | Rohm and Haas Deutschland GmbH |
| [3] | Ashland Nederlands bv |
| [4] | Du Pont de Nemours GmbH |
| [5] | Charles Tennant & Co., Ltd. |
| [6] | Luzenac |
| [7] | Eastman Chemie 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 you own laboratory prior to use.

PR29/L-44E

CDS-091100

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