

StanChem SC 6694

Description:

StanChem SC 6694 is an acrylic copolymer emulsion designed for durable house and trim paints. Coatings made with SC 6694 exhibit excellent wet adhesion and dirt resistance pickup, as well as excellent outdoor durability.

Typical Physical Properties:

| | |
|--|---------------------|
| Type: | Acrylic Copolymer |
| Solids by weight: | 60.5 – 61.5% |
| Viscosity @ 25°C: | < 2000 cps |
| pH @ 25°C: | 8.9 – 9.7 |
| Density: | 8.90 ± 0.10 lbs/gal |
| Tg: | 15°C |
| Freeze / Thaw Resistance (10°F) | PASS (5 Cycles) |

*Brookfield RVT, #4 Spindle @ 20 RPM

Storage: SC 6694 is stable for at least 12 months from manufacturing date when stored between 5°C-40°C in appropriate containers.

WARRANTY:

Seller warrants that its product will meet the specifications which it sets for them. Seller's responsibility under this warranty will be limited solely to replacing the products which prove defective, provided that the Buyer gives Seller prompt notice in writing of said defect. Products may be returned to Seller only after written authorization has been obtained from Seller. The foregoing warranty is in lieu of all other warranties, whether oral, written, express, implied or statutory. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WILL NOT APPLY. Technical or other advice is furnished by us solely as an accommodation and shall not increase the scope of our responsibilities or liability. Seller's warranty obligations and Buyer's remedies hereunder are solely and exclusively as stated herein: In no event will Seller be liable either for the labor and other associated costs incurred in replacing the product, including, but not limited to, its removal and application, or for other incidental or consequential damages.

StanChem SC 6694 White Exterior Satin Enamel

| <u>Pounds</u> | <u>Gallons</u> | <u>Raw Material</u> | <u>Supplier</u> | <u>Instructions</u> |
|---------------|----------------|-------------------------|-----------------|---|
| 100.0 | 12.00 | Water | | Dissolve HEC completely before continuing |
| 3.0 | 0.27 | Natrosol Plus 330 | Ashland | |
| 22.9 | 2.65 | Propylene Glycol | | Add separately & in order under good agitation |
| 2.0 | 0.22 | Proxel AQ | Lonza | |
| 6.0 | 0.65 | Nuosperse FX 631 | Elementis | |
| 2.0 | 0.25 | AMP-95 | Dow | |
| 2.0 | 0.23 | Byk 024 | Byk Chemie | |
| 150.0 | 4.50 | Tronox® CR-828 | Tronox | Add slowly under good agitation |
| 100.0 | 4.61 | Minex 10 | Sibelco | Increase speed and disperse to 6+ Hegman |
| 409.8 | 46.04 | StanChem SC 6694 | StanChem | Continue adding with good agitation |
| 175.6 | 21.08 | Water | | |
| 2.0 | 0.23 | Byk 024 | Byk Chemie | |
| 20.0 | 2.53 | Texanol | Eastman | |
| 10.0 | 1.03 | Polyphase AF1 | Troy | |
| 14.0 | 1.62 | Rheobyk L-100 | Byk Chemie | Add slowly under agitation |
| 12.0 | 1.39 | Rheobyk TVS-VF | Byk Chemie | Premix and add under agitation to adjust viscosity and rheology |
| <u>6.0</u> | <u>0.69</u> | Propylene Glycol | | |
| 1036.9 | 100.00 | Total | | |

Formulation Parameters

| | |
|----------------------------|---------------|
| Weight Solids | 50.15% |
| Volume Solids | 38.21% |
| Density | 10.37 lbs/gal |
| Pigment Volume Concentrate | 24.93% |
| Pigment / Binder | 0.99 |
| VOC, g/l | 151 |
| VOC, lbs/gal | 1.26 |

Typical Paint Properties

| | |
|-----------------------------------|-----------|
| pH | 8.0 – 9.0 |
| Viscosity (Stormer, 25C, KU) | 105 – 115 |
| Gloss (60°, 3 mils DFT on Leneta) | 20 - 25 |

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