StanChem resins
a division of DELTECH

# StanChem SC 6660

## Description:

StanChem SC 6660 is an acrylic copolymer emulsion that exhibits excellent chemical resistance, hardness development and block resistance, and outstanding adhesion to a wide variety of substrates, including various plastics.

---

### Typical Physical Properties:

| | |
|---|---|
| **Type:** | Styrene-Acrylic Copolymer |
| **Solids by weight:** | 40.0 - 42.0 % |
| **Viscosity* @ 25 °C:** | < 1000 cps |
| **pH @ 25 °C:** | 7.0 – 8.0 |
| **Density:** | 8.60 ± .10 lbs/gal |
| **Tg (DSC)** | 65°C |
| **Freeze / Thaw Resistance (10°F)** | PASS (5 Cycles) |

*Brookfield RVT, #4 Spindle @ 20 RPM
**Storage: SC 6660** is stable for at least 12 months from manufacturing date when stored between 5°C-40°C in appropriate containers.

StanChem resins
a division of DELTECH

# StanChem SC 6660 Gloss White DTM Enamel

| Pounds | Gallons | Raw Material | Supplier | Instructions |
|---|---|---|---|---|
| 50.0 | 6.00 | Water | | Add ingredients separately and in order |
| 9.0 | 0.99 | Tamol 681 | Dow | under good agitation |
| 4.0 | 0.48 | Airex 901W | Evonik | |
| 4.0 | 0.46 | Surfynol PSA 336 | Evonik | |
| 1.0 | 0.13 | AMP-95 | Dow | |
| 200.0 | 6.00 | Tronox CR-828 | Tronox | Add slowly under good agitation |
| 1.0 | 0.11 | Acrysol RM-8W | Dow | Increase speed and disperse to 7+ Hegman |
| 573.2 | 66.65 | **Stan**Chem **SC 6660** | **Stanchem** | Add to letdown tank separately and under |
| 16.4 | 1.97 | Water | | good agitation |
| 2.0 | 0.27 | Ammonium Hydroxide | | |
| 2.0 | 0.22 | Proxel AQ | Lonza | Add grind at this point |
| 10.0 | 1.14 | Halox 570 30% solution | ICL/Halox | |
| 3.0 | 0.35 | Byk 346 | Byk Chemie | |
| 94.0 | 12.40 | DPnB | Lyondell Bassell | |
| 17.0 | 1.86 | Acrysol RM-2020 | Dow | Add with good agitation to adjust |
| 9.0 | 0.98 | Acrysol RM-8W | Dow | viscosity and rheology |
| **995.6** | **100.01** | ***Total*** | | |

| Formulation Parameters | |
|---|---|
| Weight Solids | 45.73% |
| Volume Solids | 34.72% |
| Density | 9.96 lbs/gal |
| Pigment Volume Concentrate | 18.38% |
| Pigment:Binder | 0.85 |
| VOC, g/l | 244 |
| VOC, lbs/gal | 2.03 |

| Typical Paint Properties | |
|---|---|
| pH | 8.0-9.0 |
| Viscosity (Stormer, 25C, KU) | 75-85 |
| Gloss (20º/60º, at 1.5-2.0 mils DFT) | 62.4 / 85.3 |

## 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 MERCHANTINILITY AND FITNESS FOR A PARTICULAR PURPOSE WILL NOT APPLY. Technical or other advise is furnished by us solely as an accommodation ands 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.