

StanChem

polymers

StanChem SC 6940

Description:

StanChem SC 6940 is a 100% acrylic copolymer emulsion designed for quick dry applications, including traffic paints. Exhibiting excellent adhesion to asphalt surfaces, SC 6940 provides excellent exterior durability, as well as the ability to formulate for wear resistance and high gloss.

Typical Physical Properties:

Type:	Acrylic Polymer
Solids by weight:	49.5 – 50.5%
Viscosity @ 25°C:	<500 cps
pH @ 25°C:	10.0 – 11.0
Density:	8.90 ± 0.10 lbs
Tg (DSC)	26°C

*Brookfield RVT, #3 Spindle @ 20 RPM

Storage: SC 6940 is stable for at least 6 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 6940 White Fast-Dry Traffic Paint

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
455.5	51.46	StanChem SC 6940	StanChem	Add ingredients separately and in order under good agitation minutes
5.0	0.47	Tamol 901	Dow	
2.8	0.32	Surfynol CT-136	Evonik	
3.0	0.42	Drewplus L-493	Drew	
100.0	2.92	Ti-Pure R-900	Chemours	Add under increased agitation (1,000-1,500 RPM) and mix for 15 min
760.6	33.69	Omyacarb 8-LU	Omya	
30.0	4.50	Methanol	Eastman	Add slowly and separately under good agitation to avoid polymer flocculation
22.7	2.86	Texanol		
2.5	0.35	Drewplus L-493		
12.0	1.44	2% Natrosol 250HR in water	Ashland	
<u>13.3</u>	<u>1.57</u>	Water		
1407.4	100.00	Total		

Formulation Parameters

Weight Solids	77.50%
Volume Solids	61.00%
Density	14.10 lbs/gal
Pigment Volume Concentrate	60.00%
VOC, g/l	84
VOC, lbs/gal	0.70

Typical Paint Properties

pH	9.8 - 10.5
Viscosity (Stormer)	80 - 90 KU
No-Pick-Up Time (per ASTM D711-89)	< 10 minutes
Early Washout (per Fed Spec TT-P-1952E)	< 65 minutes

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