

StanChem SC 6944

Description:

StanChem SC 6944 is a 100% acrylic copolymer emulsion designed for quick dry applications, including traffic paints. Exhibiting excellent adhesion to asphalt surfaces, SC 6944 provides excellent exterior durability, as well as the ability to formulate for wear resistance and high gloss. SC 6944 based paints are capable of achieving less than 10-minute no track times in high humidity conditions.

Typical Physical Properties:

Type:	Acrylic Polymer
Solids by weight:	50.0 – 50.8%
Viscosity @ 25°C:	<200 cps
pH @ 25°C:	10.0 – 11.0
Density:	8.90 ± 0.10 lbs
Tg (DSC)	26°C
Freeze / Thaw Resistance (10°F)	PASS (5 Cycles)

*Brookfield RVT, #2 Spindle @ 60 RPM

Storage: SC 6944 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 6944 White Fast-Dry Traffic Paint

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
399.0	47.9	StanChem SC 6944	StanChem	Add ingredients separately and in order under agitation.
2.53	0.36	Drewplus L493	Drew	
0.46	0.09	Bermacoll EHM Max	Nouryon	Premix with water, then add.
4.61	0.55	Water		
8.29	0.83	Tamol 901	Dow	
2.76	0.34	Metolat 750	Munzing	
91.54	2.74	TiO ₂ – CR 828	Tronox	Add under increased agitation (1,000-1,500 RPM) and mix for 15 min.
559.0	36.13	CaCO ₃ – Omya 5FI	Omya	
11.52	1.38	Water		Premix with Methanol and add slowly.
25.10	3.81	Methanol		
15.08	1.81	Water		Continue additions with good mixing.
19.11	2.41	Texanol	Eastman	
7.37	1.04	Airex 902	Evonik	
<u>5.07</u>	<u>0.61</u>	Water		
1151.5	100.00	Total		

Formulation Parameters

Weight Solids	75.77%
Volume Solids	64.80%
Density	11.52 lbs/gal
Pigment Volume Concentrate	60.17%
VOC, g/l	49
VOC, lbs/gal	0.41

Typical Paint Properties

pH	9.8 - 10.5
Viscosity (Stormer)	80 - 90 KU
No Track Time*	< 10 minutes

* 75F, 75% Relative Humidity

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