

StanChem

polymers

StanChem SC 6911

Description:

StanChem SC 6911 is a high solids acrylic copolymer emulsion developed for sports surface coating applications. Paints manufactured with SC 6911 exhibit excellent adhesion, flexibility, and abrasion resistance.

Typical Physical Properties:

Type:	Acrylic Copolymer Emulsion
Solids by weight:	64.0 – 66.0 %
Viscosity @ 25 °C:	<1000 cps
pH:	8.5 – 9.5
Density:	9.0 ± 0.10 lbs/gal
Tg (midpoint)	10°C

Storage: SC 6911 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 6911 White Sports Surface Coating

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
100.0	12.00	Water		Add ingredients separately and in order under good agitation
4.0	0.42	Tamol 901	Dow	
6.0	0.69	Propylene Glycol		
3.0	0.40	DeeFo 3010E/50	Munzing	
320.0	14.18	Atomite	Imerys	Add slowly under good agitation
50.0	1.50	Tronox CR-828	Tronox	Increase speed and disperse to 5+ Hegman
20.0	0.43	Zoco 103	Zochem	
505.3	56.14	Stanchem SC 6911	Stanchem	
50.6	6.07	Water		Add to letdown tank separately and under good agitation
2.0	0.27	DeeFo 3010E/50	Munzing	Add grind slowly at this point
2.0	0.27	Ammonium Hydroxide		
5.0	0.63	Texanol	Eastman	
9.0	1.04	Propylene Glycol		
48.0	5.76	Water		Dissolve HEC completely before addition
<u>2.0</u>	<u>0.18</u>	Natrosol 250 MHBR	Ashland	
1126.9	100.00	Total		

Formulation Parameters

Weight Solids	64.24%
Volume Solids	51.52%
Density	11.27 lbs/gal
Pigment Volume Concentrate	31.52%
Pigment / Binder	1.18
VOC, g/l	50
VOC, lbs/gal	0.42

Typical Paint Properties

pH	8.5 – 9.0
Viscosity (Stormer, 25C, KU)	110 - 120

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StanChem SC 6911 Taber Abrasion Comparison

	Sample A			Sample B			
<u>Binder</u>	Initial	Abraded	Loss	Initial	Abraded	Loss	Average Loss
Competitor A	71.3827	71.2555	0.1272	70.1547	70.0309	0.1238	0.1255
SC 6553	71.6365	71.5599	0.0766	71.8301	71.7368	0.0933	0.08495
SC 6911	71.3658	71.2949	0.0709	71.9734	71.866	0.1074	0.08915

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