

# StanChem

polymers

## StanChem SC 6898

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### Description:

StanChem SC 6898 is a styrene-acrylic copolymer latex designed to provide excellent adhesion, low temperature flexibility and toughness for elastomeric coatings applications.

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### Typical Physical Properties:

<b>Type:</b>	Styrene/Acrylic Copolymer
<b>Solids by weight:</b>	60.0 – 62.0 %
<b>Viscosity @ 20° C:</b>	<1500 cps
<b>pH @ 25° C:</b>	8.0 – 9.0
<b>Density:</b>	8.90 ± 0.10 lbs/gal
<b>Tg (DSC):</b>	-14°C

**Storage: SC 6898** 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 6898 White Roof 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
11.0	1.20	Nuosperse FX 665	Elementis	
2.0	0.25	AMP-95	Dow	
5.0	0.60	Airex 901W	Evonik	
100.0	3.00	Tronox CR-828	Tronox	Add slowly under good agitation
400.0	17.72	Omyacarb 3LF	Omya	Increase speed and disperse to 6+ Hegman
500.0	56.18	<b>Stanchem SC 6898</b>	<b>Stanchem</b>	Add to letdown tank separately and under good agitation
28.2	3.39	Water		
2.0	0.27	Ammonium Hydroxide		Add grind at this point
10.0	1.04	Polyphase 663	Troy	
25.9	3.00	Propylene Glycol		
6.0	0.69	Acrysol RM-12W	Dow	Add with good agitation to adjust viscosity and rheology
<u>6.0</u>	<u>0.66</u>	Acrysol RM-8W	Dow	
<b>1196.1</b>	<b>100.00</b>	<b>Total</b>		

### Formulation Parameters

Weight Solids	68.48%
Volume Solids	55.87%
Density	11.96 lbs/gal
Pigment Volume Concentrate	38.07%
Pigment:Binder	1.64
VOC, g/l	56
VOC, lbs/gal	0.46

### Typical Paint Properties

pH	8.0-9.0
Viscosity (Stormer, 25C, KU)	90-100

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