

# StanChem

polymers

## StanChem SC 6947

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### Description:

StanChem SC 6947 is a small particle size acrylic copolymer latex, designed to provide excellent penetration to porous substrates such as concrete and wood. In sealers and stains, SC 6947 will provide excellent water resistance, UV stability, and non-yellowing performance, while also exhibiting outstanding resistance to hydrostatic pressure.

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### Typical Physical Properties:

<b>Type:</b>	Acrylic Copolymer
<b>Solids by weight:</b>	39.0 – 42.0 %
<b>Viscosity* @ 20° C:</b>	< 500 cps
<b>pH @ 25° C:</b>	8.0 – 9.0
<b>Density:</b>	8.75 ± 0.10 lbs/gal
<b>Tg (DSC):</b>	21°C

\*Brookfield RVT, #3 Spindle @ 60 RPM

**Storage: SC 6947** 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 6947 Clear Waterproofer

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
642.0	73.37	StanChem SC 6947	StanChem	Add ingredients separately and in order under good agitation
155.2	18.63	Water		
26.0	3.43	Glycol Ether DPnB	LyondellBassell	
13.0	1.39	Benzoflex 9-88	Eastman	
4.0	0.48	Dowsil 65	Dow	
12.0	1.39	Acrysol RM-12W	Dow	Add with good agitation to adjust viscosity and rheology
<u>12.0</u>	<u>1.31</u>	Acrysol RM-825	Dow	
<b>864.2</b>	<b>100.00</b>	<b>Total</b>		

### Formulation Parameters

Weight Solids	32.64%
Volume Solids	31.18%
Density	8.64 lbs/gal
VOC, g/l	97
VOC, lbs/gal	0.81

### Typical Paint Properties

pH	8.0 - 9.0
Viscosity	120 - 130 KU
*passes ASTM D7088-04	30 minutes @ 10 psi

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