

StanChem

polymers

StanChem SC 6446

Description:

StanChem 6446 is a high solids styrene acrylic emulsion designed for flexibility and excellent adhesion.

Typical Physical Properties:

Type:	Styrene Acrylic
Solids by weight:	58.0 – 61.0 %
Viscosity* @ 25 °C:	< 1500 cps
pH @ 25° C:	7.0 - 8.0
Density:	8.90 ± 0.10 lbs/gal
Tg (DSC):	-1°C

*Brookfield RVT, #4 Spindle @ 20 RPM

Storage: SC 6446 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 6446 White Caulk

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
320.0	35.96	StanChem SC 6446	StanChem	Add ingredients separately and in order under good agitation
75.0	8.82	Tributoxyethyl phosphate		
9.0	1.04	Rhodafac RS-610	Solvay	
5.0	0.46	Nuosperse FX 605	Elementis	
17.3	2.00	Propylene Glycol		Add slowly under good agitation
13.0	2.00	Low Odor Mineral Spirits		
42.3	5.08	Water		
1000.0	44.44	Vicron 41-8	Mineral Technologies	Add under increasing speed; ensure adequate and complete mixing
<u>1.5</u>	<u>0.20</u>	Ammonium Hydroxide		
1484.5	100.00	Total		

Formulation Parameters

Weight Solids	86.08%
Volume Solids	75.37%
Density	14.83 lbs/gal
Pigment Volume Concentrate	68.06%
Pigment Weight	67.43%
Pigment : Binder	5.25
VOC, g/l	46
VOC, lbs/gal	0.38

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