

# StanChem

polymers

## StanChem SC 6477

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### Description:

**StanChem SC 6477** is a highly efficient, alkali-swelling acrylic polymer that is recommended for thickening synthetic emulsion systems. Thickening (viscosity increase and/or rheology) begins with the addition of ammonia, sodium hydroxide, or other amine to raise the pH to a range of 7.0-8.0 for maximum effect.

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### Typical Physical Properties:

<b>Type:</b>	Acrylic Emulsion
<b>Solids by weight:</b>	30.0 - 31.0 %
<b>Viscosity @ 25° C:</b>	<50 cps
<b>pH @ 25° C:</b>	2.1 – 3.5
<b>Density:</b>	8.70 +/- 0.1 lbs/gal
<b>Thickening Response: (#5 Spindle @ 10 RPM)</b>	> 3000 cps

**FDA Status:** SC 6477 is composed of materials that meet the following FDA paragraphs: 175.105 and 176.180  
**Storage:** SC 6477 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.