

# Technical Data Sheet

## Sunpol™ SF-3

Acrylate copolymer  
 CAS# 25035-69-2

### Description

Sunpol™ SF-3 is low viscosity acrylate copolymer emulsion. It helps with thickening and suspension. It is easier to use than carbomer and has high freeze-thaw stability.

### Specifications

Item	Specification
Appearance (25°C)	Milky, white liquid
Odor (25°C)	Characteristic odor
pH value (25°C)	4.0 ~ 7.0
Matter Content (%)	28.0 ~ 32.0
Residual ethyl acrylate (ppm)	Max. 1.0

### Applications

It provides suspension particles, steady viscosity and thickening effect for personal care products. It can be applied to skin care, shampoo, hair styling and etc.

The minimum recommended dosage in surfactant-based products is about 4.0 %.

For clear formulations with no salt and low surfactant actives, typical dosage is 8.0~10.0 %.

### Storage

Store in a cool, dry, well-ventilated area, temperature must be controlled at 1 ~ 50°C. Do Not Freeze. Shake well before use. Keep container closed when not in use.

### Shelf life

18 months