

# Technical Data Sheet

## KC-3299

Silicon-acrylic emulsion for multicolor paint

### DESCRIPTION

KC-3299 is self cross-linking silicon acrylic emulsion with core-shell structure. With low film-forming temperature and compact film, the multicolor paint formulated with KC-3299 shows great performance in water blush resistance, water resistance and weather resistance. In addition, as KC-3299 has small particle size, multicolor paint made from it can has excellent transparency.

KC-3299 is designed for multicolor paint and has great compatibility with protective colloid. Paints formulated with it also show great performance in storage stability, back thickening resistance and recovery.

### Typical physical characteristics (not to be considered specifications)

Type	Silicon acrylic copolymer
Appearance	Milky white & bluish
PH (25°C)	7-9
Brookfield Viscosity (25°C, 3#30r, cps)	<500
Solid Content (%)	35±1
MFFT (°C)	11
Particle Size (µm)	<0.1
Iconicity	Anionic

### STORAGE

Store in airtight container and avoid cold or high temperature. Suggestive normal storage temperature is 10-35°C. Period of validity is six months after the packing date.

### NOTICE

Specific suggestion of working procedures and formula can be provided only after knowing customer's product applications and production facilities.

VERSION: 2.0

REVISION DATE: 2015/8/14

### Key features and benefits

- Perfect water blush resistance
- Perfect weather resistance
- Great transparency
- Great adhesion strength and recovery property.