

# SILAGEL

Diversiform Silicone Elastomer Blends in the Various Solvents

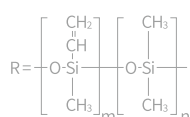
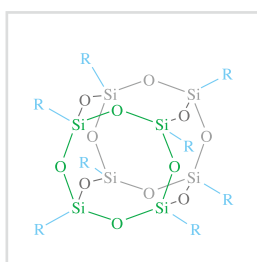
## Description

SILAGEL is different types of silicone elastomer compounds with high molecular weight blended in various Solvents. It is provided in the form of silicone elastomer gels, silicone elastomer emulsion, silicone liquid, and an alternative emulsifier. ABC NANOTECH has developed and supplied several powders for cosmetic applications. To provide various and tempting products, ABC NANOTECH have been combined its powder technologies to develop SILAGEL with rich feeling and outstanding functionality.

SILAGEL delivers exceptional and distinctive feeling to formulations, which is driven from physical and chemical properties determined by interconnections of molecular weight of elastomers and solvents to swell the elastomers.

SILAGEL is supplied in various forms, and each of which has its own characteristics. Paste type, commonly known as silicone gel enhances soft and silky feeling of cosmetics. Suspension type which is dispersed in water provides matte effect and reduces greasiness. Liquid type of SILAGEL is comprised of high molecular weight cross-linked silicone polymer in low viscosity silicone fluid. It has good spreadability with gloss effect. SILAGEL designed for alternative emulsifier is developed for water-drop applications. It enhances moisturizing effect and endows light skin feeling.

## Product Images



### Main Functions



### Performances

- Enhances spreadability
- Reduces tackiness of formulation
- Provides aesthetic, silky textures
- Covers defects and wrinkles
- Prevents greasiness
- Diminishes the look of sharp makeup lines
- Protect skin by forming film on it
- Has excellent stability of heat, oxidation, stress and UV

### Product Grades

Type	Main Carrier	Grade	Special Features
Silicone elastomer blend	Cyclopentasiloxane	P14 P17	Standard grades for all applications
	Cyclopentasiloxane; dimethicone	PD15M	Contains moisturizer
	Dimethicone	D25	Lighter and more transparent grade Suitable for open type packaging
	Isododecane	I15 I30	The lightest feeling and very transparent
	Phenyl trimethicone	PT18	Excellent compatibility with organic oils or organic UV filters
	Phenyl trimethicone	PT18SB	Contains moisturizer Excellent compatibility with organic oils or organic UV filters
	Cyclopentasiloxane; dimethicone	AE	Alternative emulsifier
Silicone elastomer Fluid	Cyclopentasiloxane; cyclohexasiloxane	PH11	Unique shape Very light feeling with good protection
	Dimethicone	D11	
	Phenyl trimethicone	PT11	
Silicone elastomer emulsion	Dimethicone; aqua	WC19	Water dispersible, transparent
	Aqua	W20	Water dispersible Sebum or oil absorption
	Dimethicone; aqua	WC21	Water dispersible, texture changing, PEG free

### Applications



Skin care



Makeup



Point makeup



Sun care



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