

# KP-545

## Silicone Acrylate

### Film Former

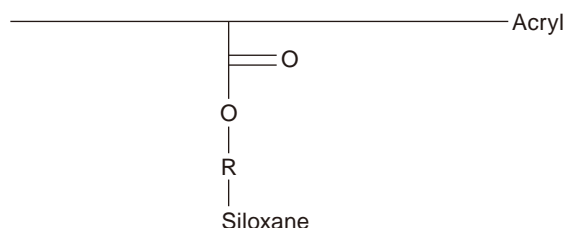
- **Features & Advantages**
- Mild film former
  - Water resistant effect
  - Non transfer effect

- **Applications**
- Make-up
  - Sunscreen

- **Percentage of use** 0.5-10 %

- **INCI name** CYCLOPENTASILOXANE (AND) ACRYLATES/  
DIMETHICONE COPOLYMER

■ **Structure**



■ **Characteristics**

Properties	Unit	Values	Standard method / condition
Appearance (color)	—	Colorless to light yellow	Visual observation
Appearance (transparency)	—	Transparent to slightly hazy	Visual observation
Appearance (texture)	—	Liquid	Visual observation
Percentage of active raw material	%	30	
Viscosity	mm <sup>2</sup> /s	100-500	Cannon fenske viscosimeter

(Not specific values)

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■ Solubility / compatibility

KF-995 (Cyclopentasiloxane)	S
KF-96A-6cs (Dimethicone)	S
Water	I
Ethanol	S
Isopropyl alcohol	S
Glycerin	I
Liquid isoparaffin	I
Squalane	I
Triethylhexanoin	S

S : Soluble  
I : Insoluble  
Tests done at 20% of concentration

■ Processing (How to use) The product is ready to use.

■ Packaging 16 kg can

■ Storage The silicone products may deteriorate when it comes in contact with heat, light, acid, alkaline, etc.  
Be sure to seal tightly and store in a cool dark place away from heat and flame.

■ Safety Please consult our MSDS.

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<http://www.silicone.jp/e/>

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