

KSG-320Z

Emulsifying Silicone Elastomer

Silicone Emulsifier

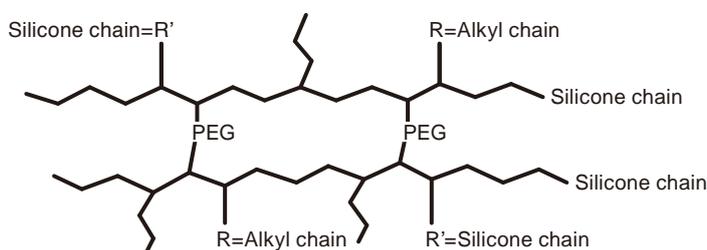
- **Features & Advantages**
- Emulsions W/O or Si or O+Si
 - Quick breaking creams
 - Silky skin feeling
 - Good compatibility with organic oils, esters and silicones

- **Applications**
- Skin care
 - Make-up

- **Percentage of use** 2-7 %

- **INCI name** ISODODECANE (AND) PEG-15/
LAURYL POLYDIMETHYLSILOXYETHYL DIMETHICONE
CROSSPOLYMER
- * This does not represent all composition.
Please contact Shin-Etsu sales representative for details.

■ **Structure**



■ **Characteristics**

Properties	Unit	Values	Standard method / condition
Appearance (color)	—	Colorless to light yellow	Visual observation
Appearance (transparency)	—	Slightly haze to cloudiness	Visual observation
Appearance (form)	—	Paste to gel	Visual observation
Percentage of active raw material	%	20-30	
Worked penetration	—	360	JIS K 2220
Specific gravity	—	—	Densimeter
Refractive index	—	1.420	Refractometer

(Not specific values)

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■ Solubility / compatibility

KF-995 (Cyclopentasiloxane)	O
KF-96A-6cs (Dimethicone)	O
Isododecane	B
Mineral oil	O
Squalane	O
Isotridecyl Isononanoate	O
Triethylhexanoin	O

B : Base oil
O : Optional amount

■ Processing (How to use)

The product is ready to use. In case of solidification, please apply high shearing before use.

The product must be pre-dispersed in an adequate silicone or oil phase.

The emulsion must be done at a spindle speed lower than 1000rpm. After emulsion, high shiring must be applied.

For further information, please contact us.

■ Packaging

15 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 SDS.

Warning to users

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