

# SeraSilk® EL 63

INCI: Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer

## Applications

Skin Care  
Colour Cosmetics  
Hair Care  
Antiperspirants

## Benefits

Gives a light, silky, non-greasy skin feel  
Offers anti-frizz benefits for hair care products  
Imparts viscosity to W/O emulsions  
May absorb Sebum  
Cold processable

## Description

SeraSilk® EL 63 is a mixture of a high molecular weight crosslinked silicone elastomer in cyclopentasiloxane. SeraSilk® EL 63 can be included in many products to enhance the skin feel, spreadability, absorption and "soft-focus" effect of the finished product.

KCC Beauty silicone elastomer blends are strong mattifying agents and are ideal for use in colour cosmetics applications where their sebum absorbing properties offer a matte, smooth and non-greasy appearance. They have the ability to increase formulation oil phase viscosity and produce a dry, silky smooth skin feel.

Level of crosslinking: high for enhanced powdery feel.

Typical Properties	
Appearance	Clear, Colourless Viscous Gel
Gel content	13%
Silicone Content	100%
Viscosity (25°C)	380,000
Flash Point (°C)	77
CTFA / INCI Designation	Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer

## Typical Properties

The values mentioned are not intended for use in preparing specifications. We have made every effort to ensure these values are correct as of the revision date of this document.

## Method of Use

As a versatile ingredient, the method of use will depend on the type of formulation in which the SeraSilk® EL 63 is being included and the other ingredients involved. A few formulation suggestions include:

- Adding the elastomer into the oil or silicone phase of an emulsion.
- Post-addition into viscous creams.
- Pre-dispersion in Cyclopentasiloxane or low molecular weight Dimethicones before addition to a formulation.

## Recommended Usage Level

1.0 - 90% dependent on application.

## Packaging

18kg and 180kg drums.

## Storage and Shelf Life

The product should be stored below 32°C. Shelf life of the un-opened container is 24 months from the date of manufacture. If you wish to use this product after this time, please contact us for details.

## Toxicity and Handling

Please see our SeraSilk® EL 63 safety data sheet for more details. Information for safe use of this product is not included in this document. Before handling please read container labels and the safety data sheet for physical, environmental and health hazard information.

## Limited Warranty Information

Although every effort has been made to ensure that the information contained within this data sheet is reliable, we cannot be held responsible for the correctness of the information or for any loss, injury or damage which may result from its use. Suggestions of uses should not be taken as inducements to infringe any particular existing patent.

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