



# SM9175G SeraSilk EL 75

INCI: Dimethicone (and) Dimethicone / Vinyl  
Dimethicone Crosspolymer

## Applications

Skin Care  
Sun Care  
Color Cosmetics  
Hair Care

## Benefits

Clarity  
Efficient thickening agent  
Light, silky, non-greasy skin feel

## Description

KCC Beauty SeraSilk EL 75 is a mixture of a high molecular weight crosslinked silicone elastomer in Dimethicone-6cSt. SeraSilk EL 75 can be included in many products to enhance the skin feel, spreadability, absorption of the finished product.

KCC Beauty silicone elastomer blends are strong mattifying agents and are ideal for use in color 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.

SeraSilk EL 75 has a transparent appearance because of very lower degree of crosslink than general elastomer blends and maintains its clarity upon dilution in low molecular weight silicones.

## Typical Properties

|  |  |
|--|--|
| Appearance   | Transparent paste  |
| Non Volatile content (%)<br>- 150°C×3hr, 2g                      | 61%  |
| Viscosity (cP, 25°C)<br>- Brookfield helipath stand, 2.5rpm, #91 | 200,000 cP   |
| CTFA / INCI Designation  | Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer |

## Method of Use

As a versatile ingredient, the method of use will depend on the type of formulation in which the SeraSilk EL 75 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 dimethicone before addition to a formulation.

For examples of how to formulate with this material, please see formulation in our formulation guide.

## Recommended Usage Level

Usage level is highly dependent on application and is usually between 1 and 90%.

## Packaging

18kg pails and 180kg drums

## Storage and Shelf Life

The product should be stored below 30°C and not be allowed to freeze. 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 75 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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