



SM9186G SeraSilk EL 86

INCI: Methyl Trimethicone (and) Dimethicone/Vinyl
Dimethicone Crosspolymer

Applications

Skin Care
Sun Care
Color Cosmetics
Hair Care

Benefits

Silky skin feeling
Efficient thickening agent
Imparts viscosity to W/O emulsions
Matte effect
Good compatibility with silicones

Description

KCC Beauty SeraSilk EL 86 is a mixture of a high molecular weight crosslinked silicone elastomer in Methyl Trimethicone. SeraSilk EL 86 can be included in many products to enhance the skin feel, spreadability, absorption of the finished product.

SeraSilk EL 86 can be used as MTM base oil to produce a lightweight texture and a soft matte feel.

SeraSilk EL 86 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
Viscosity (Cp, 25°C)	70,000 cP
Flash Point (°C)	80
CTFA / INCI Designation	Methyl Trimethicone (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 86 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 0.5 and 100%.

Packaging

16kg pails and 160kg 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 86 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.

Company Details

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