

SeraSilk ELA 20

INCI: Undecane (and) Tridecane (and)
Dimethicone/Vinyl Dimethicone Crosspolymer

Applications

Skin Care
Colour Cosmetics

Benefits

Light, silky, non-greasy skin feel
Thickening agent
Natural oil blend

Description

KCC Beauty SeraSilk ELA 20 is a mixture of high molecular weight crosslinked silicone elastomer in C11-13 Alkane : a silicone fluid alternative manufactured via coconut / palm kernel oil. SeraSilk ELA 20 gives a fresh gliding sensation and a powdery after feel. It works well with all kinds of oils including natural and silicone oils.

KCC Beauty SeraSilk ELA 20 provides thickening of cosmetic formulations. They have the ability to increase formulation oil phase viscosity.

Typical Properties	
Appearance	Traslucence paste
Gel content	23%
Viscosity (25°C)	150,000 cP
CTFA / INCI Designation	Undecane (and) Tridecane (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 ELA 20 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.
- Pre-dispersion in low molecular weight oil before addition to a formulation.

Recommended Usage Level

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

Packaging

15kg 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 unopened container is 24months 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 ELA 20 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

KCC Beauty Headquarters:

KCC Silicone Corporation, 344, Sapyeong-daero, Seocho-gu, Seoul, Korea

Tel: +82 2 3480 5811 **Fax:** +82 2 3480 5436 **e-mail:** silicone@kccworld.co.kr