



SM9174G SeraSilk EL 74

INCI: Dimethicone (and) Cyclopentasiloxane (and)
Polysilicone-11

Applications

Skin Care
Sun Care
Color Cosmetics
Hair Care

Benefits

Light, silky, non-greasy skin feel
Rheology modification, Increasing the viscosity
Sebum absorption and control
Excellent storage stability

Description

KCC Beauty SeraSilk EL 74 is a mixture of a high molecular weight crosslinked silicone elastomer in Dimethicone-5cSt and Cyclopentasiloxane. SeraSilk EL 74 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 74 has a very uniform appearance and excellent storage stability. So It will not happen to discoloration, agglomeration and oil separation.

Typical Properties

Appearance	Slightly translucent paste
Non Volatile content (%) - 150°C×3hr, 2g	29%
Viscosity (cP, 25°C) - Brookfield helipath stand, 2.5rpm, #91	200,000 cP
CTFA / INCI Designation	Dimethicone (and) Cyclopentasiloxane (and) Polysilicone-11

Method of Use

As a versatile ingredient, the method of use will depend on the type of formulation in which the SeraSilk EL 74 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 “*Brightening serum (SJ150_04)*” 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 74 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 Asia Office:

344, Sapyeeong-daero, Seocho-gu, Seoul, Korea

Tel: +82 2 3480 5000 **Fax:** +82 2 3480 5887 **e-mail:** represent@kccworld.co.kr

KCC Beauty EMEA Office:

Basildon Chemical Co. Ltd. Kimber Road, Abingdon, Oxfordshire, OX14 1RZ, United Kingdom

Tel: +44 (0) 1235 526677 **Fax:** + 44 (0) 1235 524334 **e-mail:** cosmetics@baschem.co.uk