



SM9785G SeraSilk PD 85

INCI: Cyclopentasiloxane (and) Dimethicone / Vinyl
Dimethicone Crosspolymer (and) Dimethicone

Applications

Colour cosmetics
Skin creams & lotions
Cosmetic primers

Benefits

Gives a Light, silky, non-greasy skin feel, and spreadability
Matting through light diffracting : Soft-focus effect
Imparts viscosity to W/O emulsions
Absorbs sebum, Line/wrinkle reducing

Description

KCC Beauty SeraSilk PD 85 is a mixture of a high molecular weight spherical particulate crosslinked silicone elastomer in cyclopentasiloxane and low molecular weight dimethicone (6cSt). SeraSilk PD 85 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.

Typical Properties	
Appearance	Translucent Paste
Crosspolymer Contents	26%
Viscosity (25 °C)	250,000 cP
Base Oil	Cyclopentasiloxane, Dimethicone 6cSt
CTFA / INCI Designation	Cyclopentasiloxane (and) Dimethicone / Vinyl Dimethicone Crosspolymer (and) Dimethicone

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 PD 85 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.

If you want to know how to formulate with this material, please contact us.

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 opened or 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 PD 85 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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