



SeraSilk PD 71

INCI: Cyclopentasiloxane (and) Dimethicone /
Vinyl Dimethicone Crosspolymer

Applications

Skin Care
Colour Cosmetics
Hair Care
Antiperspirants

Benefits

Gives a light, silky, non-greasy skin feel
Offers anti-frizz benefits for hair care products
Imparts viscosity to W/O emulsions
Absorbs sebum
Cold processable

Description

KCC Beauty SeraSilk PD 71 is a mixture of a high molecular weight spherical particulate crosslinked silicone elastomer in Cyclopentasiloxane. SeraSilk PD 71 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.

Level of crosslinking: low for enhanced light, soft, silky feel..

Typical Properties

Appearance	Clear, Colourless viscous gel
Gel content	23%
Silicone Content	100%
Viscosity (25°C)	300,000 cP
CTFA / INCI Designation	Cyclopentasiloxane (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 PD 71 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.

Recommended Usage Level

1 and 90% dependent on application.

Packaging

18kg pails and 180kg drums.

Storage and Shelf Life

The product should be stored below 32°C and not be allowed to freeze. Shelf life of the opened or un-opened container is 12 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 71 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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