



SM9720G, SM9716G SeraSilk PD 72, 73

INCI: Dimethicone (and) Dimethicone / Vinyl
Dimethicone Crosspolymer

Applications

Skin Care
Sun Care
Make-up

Benefits

Wrinkle cover
Easy to disperse and formulate
Matting through light diffracting : Soft-focus effect
Oil absorbing : offer matte, smooth and non-greasy appearance
Smooth rolling : enhance the skin feel, spreadability

Descriptions

KCC Beauty SeraSilk PD 72, 73 is a mixture of a high molecular weight spherical particulate crosslinked silicone elastomer in low molecular weight dimethicone. SeraSilk PD 72, 73 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		
	SeraSilk PD 72	SeraSilk PD 73
Appearance	Slightly translucent gel	Slightly translucent gel
Crosspolymer Contents	26%	32%
Viscosity (25°C)	200,000 cP	200,000 cP
Diluent	Dimethicone 2cSt	Dimethicone 6cSt

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 72, 73 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.

For examples of how to formulate with this material, please see formulation “Illuminating Pore Cover Primer (MJ13J_06)” 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 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 72, 73 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