

SeraSilk® PD 72

INCI: Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer

Applications

Skin Care
Colour Cosmetics
Hair Care
Antiperspirants

Benefits

Gives a light, silky, non-greasy skin feel
Mattifying
Imparts viscosity to W/O emulsions
Absorbs sebum
Wrinkle/line reduction

Description

SeraSilk® PD 72 is a mixture of a high molecular weight spherical particulate, silicone elastomer in 2cS dimethicone fluid. SeraSilk® PD 72 can be included in many products to enhance the skin feel, spreadability, absorption and "soft-focus" effect of the finished product.

KCC Beauty powder elastomer blends are strong mattifying agents and are ideal for use in colour cosmetics applications where their sebum absorbing properties are required. In anti-ageing products, they instantly reduce the appearance of lines and wrinkles. The SeraSilk® PD series is particularly effective at this due to the incorporation of the spherical powder. They also have the ability to increase formulation oil phase viscosity and produce a dry, silky smooth skin feel.

Recommended usage level: 1 - 90%, dependent on application.

Typical Properties	
Appearance	Clear, Colourless Viscous Gel
Powder Content	26%
Silicone Content	100%
Viscosity (25°C)	200,000
Flash Point (°C)	79
CTFA / INCI Designation	Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer

Smoothing/Line Reducing Images

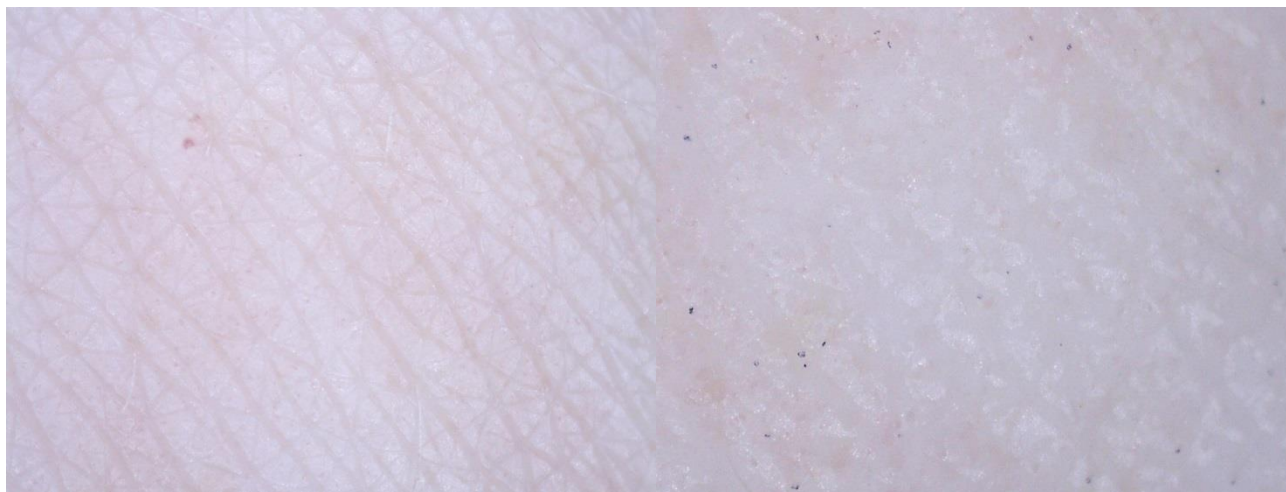


Fig.1 Left: Pre-treated, magnified image of forearm skin; **right:** SeraSilk® PD 72 treated forearm skin (Female, aged 35+)

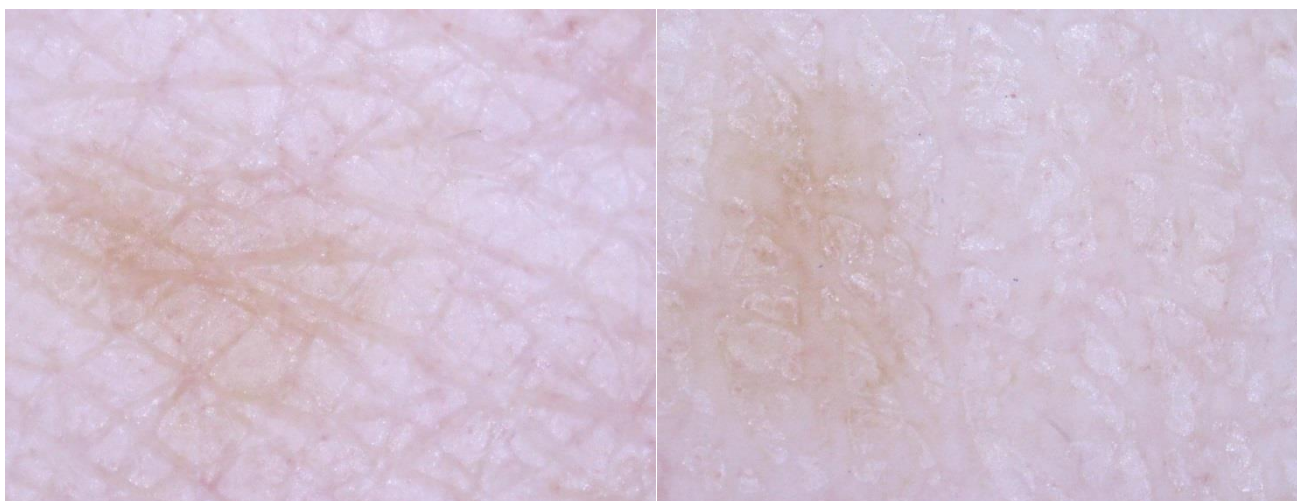


Fig.2 Left: Pre-treated, magnified image of forearm skin; **right:** SeraSilk® PD 72 treated forearm skin (Female, aged 50+)

Guide Formulations

Please visit www.kcc-beauty.com/formulation-library/ for formulation ideas specific to SeraSilk® PD 72..

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.

Packaging

18kg and 180kg drums.

Storage and Shelf Life

The product should be stored below 32°C in dry conditions. 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® PD 72 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 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: info@kcc-beauty.com

KCC Beauty Asia Office:

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

Tel: +82 2 3480 5000 Fax: +82 2 3480 5436 e-mail: represent@kccworld.co.kr



Scan me to find
out more about
KCC Beauty
online!