

SeraSense® SF DDM 10K

INCI: Diphenyl Dimethicone

Applications

Skin Care
Sun Care
Low tack applications
High shine products

Benefits

Excellent compatibility with organic materials
Exceptional emolliency and spreadability
High refractive index
Imparts shine and gloss

Description

SeraSense® SF DDM 10K is a high shine di-phenyl modified silicone for use in skin care, sun care, antiperspirants and hair care formulations. Due to the high refractive index and high viscosity of this ingredient, SeraSense® SF DDM 10K creates excellent lustre, ideal for use in lip products. Diphenyl Dimethicone is also an incredibly soft, low tack ingredient for inclusion into anti-wrinkle skin creams, antiperspirants and sun care formulations. For these applications SeraSense® SF DDM 10K offers excellent spreadability, emolliency and water repellancy. Addition levels vary dependant on desired gloss.

Typical Properties

Appearance	Clear Colourless Fluid
Viscosity (25°C)	10,000
Refractive Index (at 25°C)	1.430
Flash Point (25°C)	>300
CTFA/INCI Designation	Diphenyl Dimethicone

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

SeraSense® SF DDM 10K can be emulsified into creams or conditioners. It can also be incorporated into other silicones or mineral oil for use in oil-based conditioning products or styling aids. It is readily soluble in many organic cosmetic raw materials.

Recommended Usage Level

0.5 - 5%; however this is dependent on desired gloss levels.

Packaging

20kg and 200kg drums.

Storage and Shelf Life

The product should be stored below 25°C.. 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 SeraSense® SF DDM 10K 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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