

# SeraSense<sup>®</sup> SF DDM

INCI: Diphenyl Dimethicone

## Applications

Skin Care  
Sun Care  
Low tack applications  
High shine products

## Benefits

Excellent compatibility with organic materials  
Low residue  
High refractive index  
Very low odour level

## Description

SeraSense<sup>®</sup> SF DDM 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 of this ingredient, SeraSense<sup>®</sup> SF DDM creates a high degree of shine, making it perfect for inclusion into hair care products. At 100% active this material is perfect for serums. Diphenyl Dimethicone is also an incredibly soft, low tack ingredient for including into skin creams, antiperspirants and in particular sun care formulations. For these application areas, the unique skin feel properties are highly desirable, as are the low adhesion benefits. Addition levels vary dependant on desired gloss.

## Typical Properties

Appearance	Clear to Slightly Hazy, Colourless Fluid
Viscosity (25°C)	400
Refractive Index (at 25°C)	1.505
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 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

25kg 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 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

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