



# SeraSense SF PTM

SF5600Z

INCI: Phenyl Trimethicone

## 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

Also available as a O/W emulsion

## Description

SeraSense SF PTM is a high shine 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 SF PTM creates a high degree of shine, making it perfect for inclusion into hair care products. At 100% active this material is perfect for serums. Phenyl Trimethicone is also an incredibly soft, low tack ingredient for inclusion into skin creams and in particular sun care products. For these application areas, the unique skin feel properties are highly desirable, as are the low adhesion benefits.

Typical Properties	
Appearance	Clear to Slightly Hazy, Colourless Fluid
Viscosity (25°C)	25
Refractive Index (at 25°C)	1.460
Flash Point (25°C)	>100
CTFA/INCI Designation	Phenyl Trimethicone

## 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 PTM 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.

SeraSense SF PTM is not recommended for aerosol use.

## Recommended Usage Level

0.5 – 5.0% dependent on gloss required

## Packaging

20kg pails and 200kg drums.

## Storage and Shelf Life

The product should be stored below 32°C. Shelf life of the un-opened container is 30 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 PTM 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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