

SeraSense® AC 15

INCI: Cyclopentasiloxane (and) Acrylates/Dimethicone
Copolymer

SeraSense® AC 16

INCI: Dimethicone (and) Acrylates/Dimethicone
Copolymer

Applications

Suncare
Colour Cosmetics
Skincare

Benefits

Excellent water and oil repellency
Long-lasting effects
Soft, flexible film former
Wash-off resistance

Description

SeraSense® AC 15 and SeraSense® AC 16 are acrylates siloxanes which create a soft, flexible film on the skin, giving durability, oil and water resistance, and reduced transfer. They are particularly suitable for cosmetics where long-wear is required. For increased durability, we recommend combining with one of our resin blends, SeraSense RB 21 or SeraSense RB 22.

SeraSense AC 15 is blended with Cyclopentasiloxane, and SeraSense AC 16 with 2cS Dimethicone.

Both materials have an acrylates content of 30%, and are mobile liquids which are easily incorporated in the oil phase of any formulation.

Typical Properties

Appearance	Colourless - yellow, clear - slight haze
Viscosity (25°C)	SeraSense® AC 15: 300cP SeraSense® AC 16: 30cP
Acrylates Content (%)	30
CTFA / INCI Designation	SeraSense® AC 15: Cyclopentasiloxane (and) Acrylates/Dimethicone Copolymer SeraSense® AC 16: Dimethicone (and) Acrylates/Dimethicone Copolymer

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® AC 15 and SeraSense® AC 16 were developed for used in colour cosmetics and suncare products. The primary function of these materials is to give a soft film, imparting water and oil resistance. Both materials can be easily incorporated into the oil phase of any formulation.

Recommended Usage Level

0.5- 10% dependent on application.

Packaging

18kg pail and 200kg drums.

Storage and Shelf Life

The product should be stored below 32°C, and not be allowed to freeze. 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® AC 15 and SeraSense® AC 16 safety data sheets 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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