



SeraSense AC 16

INCI: Dimethicone (and)
Acrylates/Dimethicone copolymer

Applications

Suncare

Color cosmetics

Skin care

Benefits

Excellent water and oil repellency

Long lasting

Fixatives

Soft flexible film former

Wash off resistance

Sebum resistance and reduction

Description

SeraSense AC 16 is a silicone acrylate copolymer used in many personal care applications. It is a useful ingredient giving long lasting properties, consist of dimethicone and a high molecular weight acrylate silicone. Shows excellent water and oil repellency, wash off resistance and act as soft flexible film former. These effects can be seen at addition levels of between 0.5 – 10% to color cosmetic and sunscreen formulations.

Typical Properties

Appearance (Color)	Colorless to light yellow
Appearance (Transparency)	Clear to slightly haze
Non volatile content (%)	30
Viscosity (cS at 25°C)	30
CTFA / INCI Designation	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 16 was developed for use in color cosmetic and suncare products. The primary function of SeraSense AC 16 is to make soft film to show long lasting, water resistant effect in cosmetic formulations.

Recommended Usage Level

0.5 – 10% to sunscreens and color cosmetic formulations

Packaging

16kg 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 opened or un-opened container is 12 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 16 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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