



SeraSol EL 92A

INCI: Dimethicone (and) Dimethicone / PEG-10/15
Crosspolymer

Applications

Skin Care
Colour Cosmetics
Sun Care
Antiperspirants

Benefits

Designed for quick breaking creams
Highly stable W/Si emulsifier
Light non-greasy silicone elastomer skin feel
Cold processable
Good compatibility with silicones and a variety of ingredients

Description

KCC Beauty SeraSol EL 92A is a PEG modified self-emulsifying crosslinked silicone elastomer surfactant which has been swollen in 6cSt dimethicone fluid for the creation of truly unique W/Si emulsions. This silicone emulsifier is capable of making highly stable micelle structures with no additional emulsifiers needing to be added to the formulation. SeraSol EL 92A has been designed especially for fast breaking “water drop” like cream and serum formulations thanks to the elastomeric sponge like structure that makes up the wall of the micelle. SeraSol EL 92A can be included in many products to enhance the skin feel, spreadability, absorption and can create highly stable W/Si emulsions.

Typical Properties

Appearance	Translucent paste
Silicone Crosspolymer content	20~30%
Viscosity (25°C)	130,000 cP
CTFA / INCI Designation	Dimethicone (and) Dimethicone / PEG-10/15 Crosspolymer

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

SeraSol EL 92A is easy to incorporate into skin care formulations and any other products that may take advantage from having a self-emulsifiable silicone elastomer surfactant incorporated into them. For examples of how to formulate with this material, please see formulation "Hydra Gel Cream (Water Drop) (SJ13M_11)" in our formulation guide.

Recommended Usage Level

1.0 ~ 5.0% in skin care, color cosmetics, sun care, hair care products.

Packaging

18kg pails and 160kg drums.

Storage and Shelf Life

The product should be stored below 30°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 SeraSol EL 92A 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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