



326 Exchange Drive
Arlington, Texas 76011
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Technical Data Sheet SPI-500

INCI: Dimethicone

Applications:

Hair Care
Skin Care
Sun Care
Color Cosmetics

Benefits:

Non-tacky Emollient
Great Skin Lubricity
Good Spread Quality
Low Surface Tension

Description:

Silicones Plus offers Medium Viscosity Fluids that are available at 200, 350, 500, 1000, 3000 and 5000cS viscosities. In cosmetics applications, the low-medium viscosity of these fluids makes these ingredients good spreading agents, whilst offering higher substantivity than those of a lower viscosity. Low-medium viscosity dimethicone can also eliminate the whitening or 'soaping' effect seen in W/O emulsions. In hair care, these materials can be used in serums or conditioners to give hair a smooth feel and good dry combing.

Typical Properties

<i>Appearance</i>	Clear Colorless Fluid
<i>Viscosity (at 25°C)</i>	500
<i>Flash Point</i>	>315
<i>Refractive Index (at 25°C)</i>	1.403
<i>CTFA / INCI Designation</i>	Dimethicone

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.



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Method of Use:

Silicones Plus Medium Viscosity Fluids may be used alone or blended with other silicone fluids to provide bases for many cosmetics, skin care and hair care products.

Recommended Usage Level:

Usage level is highly dependent on application and is usually between 1.0 - 50%

Packaging:

20kg pails and 200kg drums. 950kg IBCs.

Storage and Shelf Life:

The product should be stored below 32°C. Shelf life of the opened or un-opened container is 36 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 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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