



326 Exchange Drive
Arlington, Texas 76011
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Technical Data Sheet SPI-5712

INCI: Cyclopentasiloxane (and) Dimethicone Crosspolymer

Applications:

Primers
Concealers
Foundations
BB Creams
Lipsticks and Glosses
Face and body moisturizers
Anti-aging products
Sun-care products
Thermal protection products
Anhydrous cuticle coat or hair serums

Benefits:

Delivers light weight nourishing feel
Increases skin softness
Reduces the appearance of fine lines and wrinkles
Provides texture in water in silicone emulsion
Reduces dry combing damage and frizz

Typical Properties

<i>Appearance</i>	Clear to translucent gel
<i>Color</i>	Colorless
<i>Viscosity (25°C), cP</i>	250,000 – 580,000
<i>Flash Point, closed cup °C</i>	80 (176°F)
<i>Non-volatile content, %</i>	~12%
<i>INCI Name/CTFA Name</i>	Cyclopentasiloxane (and) Dimethicone Crosspolymer

Description:

SPI-5712 silicone gel is a skin care emollient that enhances light and nourishing skin feel to anti-aging, moisturizers and color cosmetics. It consists of ~12% Dimethicone Crosspolymer dispersed in Cyclopentasiloxane. This silicone combination provides an instantly perceived sensory with subsequent optical effect. Once applied, SPI-5712 silicone gel glides easily on skin and dries down to a uniform powdery finish. These powders reflect and scatter light, thus masking uneven skin, fine lines and wrinkles with slight sebum absorption power.



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Additionally SPI-5712 silicone gel offers hair protection from dry combing damage, flyaway and frizz in styling products and intensive treatments. A variety of silicones can be added to this silicone gel to increase color protection and thermal protection in leave-on conditioners.

Safety

Please read the container labels for SPI-5712 silicone gel or consult the Safety Data Sheet (SDS) before handling for safe use, physical and health hazard information. The SDS is not included with the product packaging, but can be obtained by contacting Silicones Plus, Inc. at 817-469-7777 or consult your Silicones Plus representative.

Please note: The typical properties listed in this bulletin are not intended for use in preparing specifications for any particular application of silicone materials. Please contact our Technical Service Department for assistance in writing specific.

Storage and Shelf Life:

SPI-5712 silicone gel when stored in its original unopened packaging, at a temperature below 40°C (104°F), has a shelf life of 2 years from the date of manufacture. Beyond this date, Silicones Plus no longer guarantees that the product meets the sales specifications.

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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