



326 Exchange Drive
Arlington, Texas 76011
817-469-7777

Product Information

SPI-3527

INCI: PEG/PPG-20:20 Dimethicone

Product Description

SPI-3527 is a nonionic surfactant of the silicone glycol copolymer type; it is liquid at room temperature. SPI-3527 acts as a surface tension depressant, wetting agent, emulsifier and foam builder in a wide variety of cosmetic and personal care products. It's used in hair sprays to plasticize resins and impart a soft, silky feel to the hair. SPI-3527 is also used to increase foam volume and improve wetting and lubricity of skin care products. SPI-3527 imparts the following benefits: lubrication, detackification, surface tension reduction, humectancy, softening, foam building, non-oily, and hydrolytic stability at neutral pH and inverse solubility.

Special Properties

- ✿ Provides compatibility with lipophilic ingredients such as vitamins, vitamin derivatives, fragrances, and sunscreens.
- ✿ Acts as a thickening agent in water in oil, water in silicone, and other solvents such as dimethicone and cyclodimethicones.
- ✿ Clear viscous liquid that is easy to handle and formulate.

Typical Properties

<i>Specific Gravity (25°C)</i>	1.020 – 1.055
<i>Viscosity (25°C)</i>	900 - 3500 cst.
<i>Appearance (at 25°C)</i>	Light Yellow Liquid
<i>Flash Point, closed cup</i>	>120°C
<i>Cloud Point (1% Aqueous)</i>	97°F - 104°F
<i>CTFA / INCI Designation</i>	PEG/PPG-20:20 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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Shelf Life and Storage:

SPI-3527 has a shelf life of at least 24 months from the date of manufacture note if stored in original unopened containers at temperatures not exceeding 40°C. Continued storage beyond the designated shelf life does not necessarily mean the material cannot be used. However, renewed testing of the most important properties is imperative.

Toxicity and Handling

Please see our SPI-3527 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.

Company Details:

Silicones Plus, Inc.

326 Exchange Drive Arlington, Texas 76011

P: 817-469-7777

F: 817-303-7070

Email: samples@siliconesplus.com

www.siliconesplus.com