



326 Exchange Drive  
Arlington, Texas 76011  
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## Technical Data Sheet SPI-5815

**INCI:** Cyclopentasiloxane (and) Acrylates/Dimethicone copolymer

**Applications:**

Sun Care  
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:**

SPI-5815 is a silicone acrylate copolymer used in many personal care applications. It is a useful ingredient giving long lasting properties, consist of cyclomethylsilicone polymer 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

<i>Appearance (Color)</i>	Colorless to Light Yellow
<i>Appearance (Transparency)</i>	Clear to Slightly Haze
<i>Viscosity (at 25°C)</i>	200
<i>Non-Volatile Content (%)</i>	30
<i>CTFA / INCI Designation</i>	Cyclopentasiloxane (and) Acrylates/Dimethicone copolymer

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:**

SPI-5815 was developed for use in color cosmetic and sun care products. The primary function of SPI-5815 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:**

18kg pail and 200kg drums

**Storage and Shelf Life:**

The product should be stored below 32°C. 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 SPI-5815 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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