

GO BEYOND

Give your topical pharmaceutical formulations a *silky touch* with a remarkable family of silicone excipients from Dow Corning. The *Dow Corning*[®] brand Silky Touch product family is made up of 10 different silicon-based materials, each of them offering unique aesthetic, pharmacokinetic, and processability benefits to topical pharmaceutical formulations, including creams, emulsions, lotions, gels, ointments, sprays, and sticks.



Dow Corning[®] Silky Touch Topical Excipients

VOLATILES

Dow Corning[®] Q7-9180 Silicone Fluid (0.65 cSt and 1.0 cSt)

- ▶ **Description:** High-purity volatile silicone fluids (short, linear PDMS)
- ▶ **Appearance:** Clear liquid
- ▶ **Features:** Fast evaporation rate; dry, smooth feel; non-oily; no cooling effect; anti-caking agent; non-stinging
- ▶ **Applications:** Carrier for sprays, spreading agent

Dow Corning[®] ST-Cyclomethicone 5 – NF

- ▶ **Description:** A volatile cyclopentasiloxane (D5) fluid tested to meet the United States National Formulary monograph for Cyclomethicone NF
- ▶ **Appearance:** Clear liquid
- ▶ **Features:** Dry, smooth feel; no cooling effect; non-stinging
- ▶ **Applications:** Volatile excipient, solvent, carrier for spray

FLUIDS

Dow Corning[®] Q7-9120 Silicone Fluid (20, 100, 350, 1,000, and 12,500 cSt)

- ▶ **Description:** High-purity non-volatile silicone fluids tested and certified to comply with Dimethicone NF and Dimeticone EP monographs
- ▶ **Appearance:** Colorless, odorless liquid
- ▶ **Features:** Non-greasy, skin protectant, non-occlusive, water-repellent
- ▶ **Applications:** Lubricant, emollient, spreading agent

Dow Corning[®] ST-Dimethiconol 40

- ▶ **Description:** A short, hydroxy-terminated dimethicone fluid
- ▶ **Appearance:** Colorless, odorless liquid
- ▶ **Features:** Solubilizer for hydrophilic actives, non-greasy, substantive
- ▶ **Applications:** Excipient for hydrophilic actives, lubricant

BLENDS

Dow Corning® Dimethiconol Blend 20

- ▶ **Description:** A unique blend of silicone gum (6%) in Dimethicone
- ▶ **Appearance:** Colorless, odorless liquid
- ▶ **Features:** Highly substantive, non-occlusive, forms a cohesive film, improves spreadability
- ▶ **Applications:** Lubricant, film forming, emollient

Dow Corning® Silmogen Carrier

- ▶ **Description:** A blend of silicone gum (1%) in hexamethyldisiloxane
- ▶ **Appearance:** Clear liquid
- ▶ **Features:** Substantive; dry, smooth feel; non-occlusive; forms a cohesive film
- ▶ **Applications:** Substantive carrier for sprays, film forming, spreading agent

Dow Corning® ST-Elastomer 10

- ▶ **Description:** A blend of unique silicone elastomer in volatile silicone
- ▶ **Appearance:** Translucent gel
- ▶ **Features:** Unique silky aesthetics (smooth, dry feel), non-occlusive, substantive
- ▶ **Applications:** Silky gel, rheology modifier, thickener for silicone-containing formulations

Contact Dow Corning

Dow Corning has sales offices, manufacturing sites as well as science and technology laboratories around the globe. For more information, please call one of our primary locations listed below. For a complete list of global telephone numbers and locations near you, go to www.dowcorning.com.

Your Global Connection

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DOW CORNING

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invent the future.™*

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WAXES

Dow Corning® Silky Wax 10

- ▶ **Description:** A semi-occlusive, low-melting-point (53°C) silicone wax
- ▶ **Appearance:** Soft, white to light-straw, semi-crystalline wax
- ▶ **Features:** Semi-occlusive; smooth, silky feel; lubricant; water-repellent; matifying effect
- ▶ **Applications:** Silky gel or emulsion, semi-occlusive formulation, detackifier, rheology modifier, thickener for silicone-containing formulations

Dow Corning® ST-Wax 30

- ▶ **Description:** An occlusive alkylmethyl silicone wax
- ▶ **Appearance:** White to off-white flake, melting point 70°C
- ▶ **Features:** Occlusive (similar to petrolatum), compatible with many organics, non-greasy, smooth feel, viscosity builder, matifying effect
- ▶ **Applications:** Replacement of petrolatum; detackifier, thickener, emollient, moisturizer

EMULSIFIER

Dow Corning® Emulsifier 10

- ▶ **Description:** An alkylmethyl silicone polyglycol
- ▶ **Appearance:** Transparent, clear to light-straw liquid
- ▶ **Features:** Emulsifier for low-to-medium polarity oils
- ▶ **Applications:** Versatile emulsifier for water-in-oil and water-in-silicone emulsions (up to 80% water content)

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Suggestions of uses shall not be taken as inducements to infringe any particular patent.

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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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