

# Silsoft™ 034 fluid

## Product Description

Silsoft 034 fluid is an excellent candidate as a sensory enhancer in personal care applications. It can improve the spreadability of a variety of cosmetic oils. It allows formulations that contain vegetable oils, cosmetic esters, petrolatum or mineral oil to feel less greasy.

Silsoft 034 fluid is an outstanding option in skin care products to provide a silky after feel and to reduce the rub-on time of lotions and creams. In color cosmetic formulations, it can provide a silky after feel and significantly improves the dispersibility of inorganic pigments in formulations that contain organic oils.

The solution is a low molecular weight, low viscosity polysiloxane modified with an octyl pendant group. This modification with an octyl group makes the product compatible with most cosmetic oils and waxes. In addition, it helps to disperse inorganic pigments in organic oils.

## INCI Name

Caprylyl Methicone

## Typical Benefits

- Improves spreadability
- Reduces greasiness and tacky feel
- Reduces rub-in time
- Enhanced pigment dispersion
- Silky after feel
- Uniform coverage

## Features

- Good Compatibility with oils and waxes

## Typical Physical Properties

Appearance	Clear liquid
Flash point (°C)	110
Freezing point (°C)	-62
Refractive index at 25°C	1.413
Viscosity at 25°C (cSt)	3

Typical properties are average data and are not to be used as or to develop specifications.

## Potential Applications

### Color Cosmetics

BB and CC creams  
Eye shadows  
Eye products  
Foundations  
Lip products

### Skin Care

Bath and shower products  
Body lotions, creams, and butters  
Cleansing oils  
Daily wear SPF  
Day and night creams  
Facial cleansers  
Make-up removers

### Sun Care

Sunscreen creams and lotions  
Sunscreen oils and sprays  
Sunless tanners

### Hair Care

Hair masks  
Hair serums and oils

## Regulatory Compliance

For regulatory information, contact a MPM representative at [commercial.services@momentive.com](mailto:commercial.services@momentive.com).

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### Considerations for Use

- Suggested use level:

Typical usage level is 5 - 10 wt% of the oil in the formulation

- Tips and tricks:

Silsoft 034 fluid is an easy material to incorporate into a personal care formulation. It has a compatibility profile that allows greater flexibility within the oil phase. It is clear low viscosity fluid that requires minimal effort to incorporate into a formulation.

### Product Safety, Handling, and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment, if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at [www.momentive.com](http://www.momentive.com) or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the MyMomentive™ Order Management Site. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

### CONTACT INFORMATION

For product prices, availability, or order placement, contact our customer service center by visiting  
[www.momentive.com/contact-us](http://www.momentive.com/contact-us)  
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