

## SiSiB® PC19101 Silicone Gum

### INCI NAME

Dimethicone

### DESCRIPTION

SiSiB® PC19101 is a high molecular weight polydimethylsiloxane (dimethicone) gum, characterized by its ultra-high viscosity and excellent film-forming properties. It is designed for use in personal care formulations where long-lasting conditioning, smoothness, and moisture retention are desired.

### FEATURES & BENEFITS

- Forms a durable, flexible, and breathable film on skin and hair
- Provides excellent moisture retention and anti-dehydration properties
- Imparts a silky smooth, non-greasy feel
- Enhances shine, softness, and manageability in hair care products
- Compatible with a wide range of cosmetic ingredients
- Stable across a broad pH range

### PHYSICAL PROPERTIES

Appearance	Colorless clear gum
Flash Point °C	>300
Molecular Weight	>800,000

### BENEFITS & APPLICATIONS

**Skin Care:** Creams, serums, lotions, sunscreens

**Hair Care:** Conditioners, leave-in treatments, styling products

**Color Cosmetics:** Foundations, primers, lip products

**Other:** Suitable as a film-former in barrier-enhancing formulations

### USAGE GUIDELINES

**Typical Use Level:** 0.5 - 5.0% (by weight of total formulation)

**Handling:** Due to high viscosity, pre-blend with compatible low-viscosity silicone fluids or solvents (e.g., cyclopentasiloxane, dimethicone) to ease dispersion

**Incorporation:** Can be added at any stage of formulation depending on system compatibility

### PACKING

SiSiB® PC19101 is available in 25Kg box, or 190Kg steel drum.

### HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical

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hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

### STORAGE

When stored at temperatures between 5°C and 35°C in the original unopened containers, SiSiB® PC19101 has a shelf life of 24 months from the date of production.

### LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

### NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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