

TECHNICAL DATA SHEET

Senso-SILK G

INCI Polyglyceryl-4 Oleate, Glyceryl Olivatate, Hydrogenated Rapeseed Alcohol

CAS 9007-48-1/79665-92-2



SPECIFICATIONS

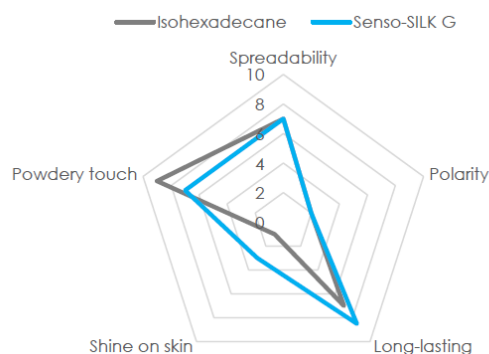
Appearance	Clear liquid
Dry residue (% at 105°C)	99 min
Flash point (°C)	115 – 120

GENERAL INFORMATION

Silicones are undoubtedly versatile ingredients and cannot be easily substituted. In today's market, many brands are trying to replace these substances, either for regulatory reasons or because of biodegradability issues. Senso-SILK G is a green alternative to volatile silicone oils, 100% plant derived with an elegant, dry and silky touch. Senso-SILK G mimicks the dry and silky texture of traditional silicones like Isohexadecane without the environmental impact.

FORMULATION AND RECOMMENDATIONS

Formulating without silicone while maintaining a pleasant skin feel is possible thanks to Senso-SILK G. The sensorial properties of Senso-SILK G and Isohexadecane are compared below:



Featuring non-greasy, non-polar emollient properties, Senso-SILK G ensures smooth, residue-free applications that maintain the appealing integrity of cosmetics. Senso-SILK G works as an excellent dispersant for physical and chemical filters as well as coloring pigments, making it ideal for sunscreens and color cosmetics formulations

Recommended use concentration

3%- 30% depending on formulation

Solubility

Oil soluble, possible to solubilize in Ethanol, and low or high polarity lipid

BENEFITS

- Improve spreadability
- Reduce tackiness
- Disperse pigments
- Usable with UV-filters
- Low viscosity

APPLICATIONS

Cosmetics

- Skin Care
- Sun Care
- Makeup
- Hair Care
- Baby Care
- Toiletries

SHELF LIFE

24 months under proper storage conditions

REGULATORY

ECOCERT / COSMOS	Approved
Natural Origin Index (according to ISO 16128)	1.00
Readily biodegradable	