

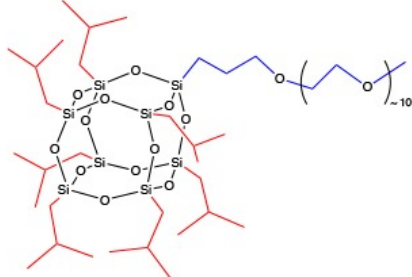
Product Information - PG1192

MethoxyPEGIsobutyl-POSS®

INCI NAME: Isobutyl/Methoxy PEG-10 Polysilsesquioxane

FEATURES

Translucent moisturizing wax with hydrophobic and hydrophilic properties.



FEATURED IMAGE OF PG1192:



BENEFITS

Hydrating comfortable and non-greasy feel for long wear. Excellent compatibilizer of ingredients, dispersion and carrier for actives. Non-cytotoxic and non-irritating. UVB sorption.

DESCRIPTION

PG1192 is a hybrid molecule with an inorganic silsesquioxane at the core and precisely configured PEG and isobutyl groups attached at the corners of the cage. PG1192 provides an alternate to petrolatum and related waxes. PG1192 has a smooth feel and provides comfort to skin.

APPLICATIONS

Hair and skin adhesion for lotions and gels.
A substitute for petrolatum and related waxes.

TYPICAL PROPERTIES

Appearance	Clear, pale yellow/orange, semi-solid
Melting Point	65°C
Refractive Index	1.46
Molecular Weight	1330.13
Solubility	resins and common diluents and carriers

REGULATORY STATUS

INCI, CAS pending.
Not a primary dermal irritant.

HANDLING PRECAUTIONS

Product safety information required for safe use is not included in this document. Before handling, read product and material safety data sheets and container labels for safe use, physical health and hazard information. For material safety data information, contact Hybrid Plastics.



COMPATIBILITY

Water	Insoluble
Ethanol (95%)	Soluble
Hexane (aliphatics)	Soluble
Cosmetic Materials	
Mineral Oil	Soluble
Petrolatum	Dispersable
DC 556 [PhSi(OSiMe ₃) ₃]	Dispersable
Shea Butter	Dispersable
Lanolin	Soluble

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