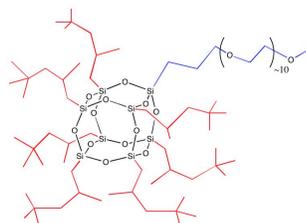


# Methoxy *i*-Octyl PEG POSS®

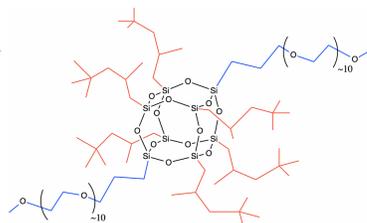
INCI NAME: Trimethylpentyl/Methoxy PEG-10 Propyl Polysilsesquioxane

## FEATURES

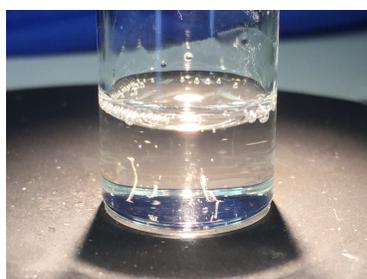
Transparent moisturizing oil with hydrophobic and hydrophilic properties. Dispersant & Gloss-enhancer.



Drawing of PG1193



Drawing of HC1013.31



## APPLICATIONS

Soft touch hair and skin. Gloss enhancement and dispersion. A substitute for "D-type" silicones and related waxes.

## TYPICAL PROPERTIES

Appearance	Clear liquid
Ave Mwt.	1722.88 for PG1193 and 2123.30 HC1013.31
Solubility	most resins, including diluents and carriers

## REGULATORY STATUS

INCI, CAS 2171462-48-7

## 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.*



## BENEFITS

Hydrating comfortable and non-greasy feel for long wear. Excellent compatibilizer of ingredients, dispersion and carrier for actives. UV C/B sorption. Also has cleaning properties as a non-ionic surfactant

## DESCRIPTION

Hybrid molecules with an inorganic silsesquioxane at the core and methoxy PEG and isooctyl groups attached at the corners of the cage. They provide an alternate to "D-type" silicones and waxes. They provide have a smooth feel and provides comfort to skin and hair.

## COMPATIBILITY

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

