

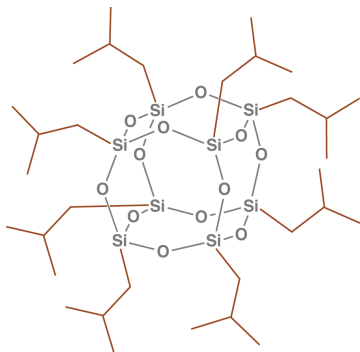
Product Information - MS0825

Octalsobutyl POSS®

INCI NAME: Isobutyl Polysilsesquioxane

FEATURES

White solid, organic soluble similar to PTFE. Aliphatics soluble.



APPLICATIONS

PTFE-like lubricious effect without use of fluorinated chemicals in lotions and gels.

BENEFITS

Provides silky, low COF feel and can be solubilized for optical clarity. Provides soft focus and oil control.

TYPICAL PROPERTIES

Appearance	White powder
Surface Free Energy	17.1 mJ/m ²
Density	1.13 g/mL
Refractive Index	1.47
Formula Weight	873.60
Solubility	solvents, most thermoplastic resins

REGULATORY STATUS

INCI, TSCA, R22, REACH 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.

hybrid



SUGGESTED FORMULATION

Eutanol® G is especially efficient at swelling and dispersing MS0825. It renders the skin hydrated and extra smooth. Applications for Eutanol® G and MS0825 include foundation and skin-to-powder primer. The suggested procedure is to high sheer mix 60% MS0825 with 40% Eutanol® G and use as a coat formulation. This formulation renders the skin hydrated and extra smooth and soft. POSS® MS0825 provides UVB sorption.

DESCRIPTION

MS0825 is a hybrid molecule with an inorganic silsesquioxane at the core and organic isobutyl groups attached at the corners of the cage. MS0825 is a white, crystalline powder. It is soluble in many organic solvents and most thermoplastic resins.

COMPATIBILITY

Water	Not Soluble
Alcohols	
Ethanol (95%)	Dispersable
Ethanol (70%)	Dispersable
iPropanol (99%)	Dispersable
iPropanol (70%)	Dispersable
Solvents & Propellants	
Hexane (aliphatics)	Mostly Soluble
Cosmetic Materials	
Mineral Oil	Soluble
Petrolatum	Soluble
DC556 (PhSi(OSiMe ₃) ₃)	Soluble
Shea Butter	Stable
Cocoa Butter	Stable
Lanolin	Dispersable
Paraffin Wax	Stable
Cetearyl Alcohol (C18OH)	Soluble
Eutanol® G	Stable Suspension

www.hybridplastics.com