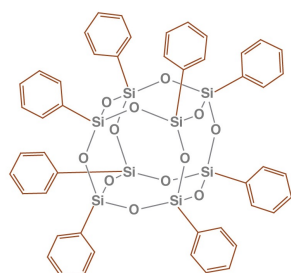


OctaPhenyl POSS®

FEATURES

White solid powder that provides high refractive index.



APPLICATIONS

For improvement of transfer resistance and long wear color cosmetics.

TYPICAL PROPERTIES

Appearance	White powder
Formula Weight	1033.53
Solvent Solubility	very slightly soluble, ethers, chloroform
Solvent Insolubility	acetone, acetonitrile, methanol
Resin Solubility	aromatic and aliphatic resins including fluoropolymers

REGULATORY STATUS

CAS 5256-79-1

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.



BENEFITS

When the MS0840 is mixed with water, the MS0840 becomes very silky, like a shaving cream. It is very spreadable and has a unique cooling effect.

When mixed with Eutanol® G, the MS0840 also becomes very silky and lotion-like. As with lotion, it appears white, but once rubbed in, it becomes transparent. MS0840 POSS is also a UVB sorber with high RI.

DESCRIPTION

MS0840 is a hybrid molecule with an inorganic silsesquioxane core and organic phenyl groups attached at the silicon vertices of the cage. It enhances skin gloss and affords a smooth texture.

COMPATIBILITY

DI Water	Dispersable/Emulsifiable
DI Emulsified	Dispersable/Emulsifiable
Eutanol® G	Dispersable/Emulsifiable
Alcohols	
Ethanol (95%)	Dispersable/Unstable
Ethanol (70%)	Dispersable/Unstable
iPropanol (99%)	Dispersable/Unstable
iPropanol (70%)	Dispersable/Unstable
Solvents & Propellants	
Hexane (aliphatics)	Dispersable/Unstable
Cosmetic Materials	
Mineral Oil	Incompatible
Petrolatum	Suspended
DC 556 [PhSi(OSiMe ₃) ₃]	Suspendable
Shea Butter	Suspended
Lanolin	Suspended
PGI 192 POSS®	Suspended
Avocado Oil	Suspended
Cotton Seed Oil	Suspended
Trimethicone	Incompatible

www.hybridplastics.com