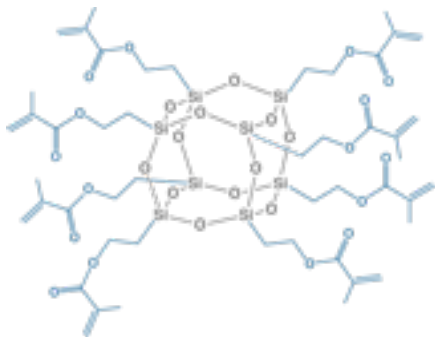


Methacryl POSS

INCI NAME: Methacryloyloxypropyl Polysilsesquioxane

FEATURES

Clear, colorless liquid oil.



APPLICATIONS

Adhesives and coatings that benefit from reduced shrinkage, water fastness, increased durability and gloss enhancement.

TYPICAL PROPERTIES

Appearance	Clear colorless liquid oil
Viscosity (@25°C)	18 Poise
Density	1.20 g/mL
Refractive Index	1.46
Formula Weight	1433.97
Resin Solubility	acrylic, epoxy, urethane, olefin

REGULATORY STATUS

INCI, REACH pending, TSCA, CAS 160185-24-0.
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

Enhances adhesion and strengthens coatings and gels while providing gloss and transfer resistance. Compatibilizer, rheological diluent and carrier of active ingredients.

DESCRIPTION

MA0735 is a hybrid molecule with an inorganic silsesquioxane at the core and organic methacrylate groups attached at the corners of the cage. MA0735 can provide fast UV stability, enhanced mechanical properties, excellent moisture resistance, increased adhesion and gloss.

COMPATIBILITY

Water	Not Soluble
Alcohols	
Ethanol (95%)	Soluble
Ethanol (70%)	Unstable
iPropanol (99%)	Soluble
iPropanol (70%)	Soluble
Solvents & Propellants	
Hexane (aliphatics)	Unstable
PMGEA	Soluble
Cosmetic Materials	
Beeswax	Stable
Mineral Oil	Soluble
Petrolatum	Stable
1,2 Propylene diol	Not Soluble
Glycerin	Soluble
DC556 (PhSi(OSiMe3)3)	Soluble
Fluoralkyls	Not Soluble
Shea Butter	Stable
Cocoa Butter	Stable
Hydroxy Methylcellulose	Not Soluble
Lanolin	Soluble
Paraffin Wax	Stable
Caprylyl Glycol (1, 2 Octanediol)	Not Soluble
Cetearyl Alcohol (C18OH)	Soluble
Veggie Oil	Soluble



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