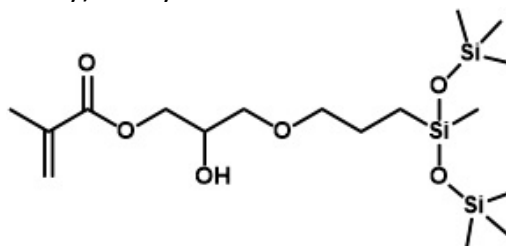


BIMAX® SiG MMA

(3-Methacryloxy-2-hydroxypropoxy)propyl-bis(trimethylsiloxy)methylsilane

CAS No. 69861-02-5

EINECS No. Not applicable



Applications

This material is utilized in the manufacture of extended or continuous wear silicone hydrogel contact lenses. It is a silicone monomer suitable for the manufacture of ophthalmic devices, such as contact lenses, intraocular lenses, and keratoprosthesis. When polymerized, the functionality fulfills both surface hydrophilicity and oxygen permeability at the same time.

Typical Properties

Purity, %	≥ 96.0
Epoxide, %	< 0.25
Diester, %	< 1.0
Diol, %	< 0.60
MEHQ, ppm	150-400
Color, APHA	< 150

Physical Properties

Appearance	light yellow liquid
Molecular weight	422.7 g/mol
Boiling point	> 205°C
Flash Point	180°C
Density (relative), 20°C	0.961 g/ml

Packaging

5-gallon poly pails, containing 15 kg each

Storage and Handling

Store at temperatures below 32°C, away from heat and ignition sources. Wear goggles and gloves. Eye and skin contact, as well as inhalation, should be avoided. If contact occurs, wash affected area immediately with cold water. Consult the Safety Data Sheet.

This information is presented for your consideration in the belief that it is accurate and reliable; however, Bimax makes no guarantees or warranty, either expressed or implied, of the accuracy or the completeness of this information. The information in this data sheet is designed only as a guidance for safe handling, storage and use of the substance. It is not a specification, nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Individuals receiving this information are expected to use their own judgment in determining the relevancy for a particular circumstance. Accordingly, Bimax will not be responsible for damages of any kind resulting from the use of, or reliance upon, such information.