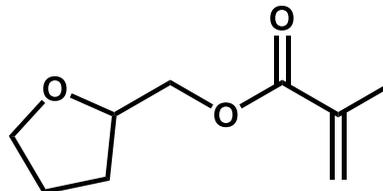


BIMAX® THFMA

Tetrahydrofurfuryl methacrylate

CAS No. 2455-24-5

EINECS No. 2195295



Applications

THFMA is a non-protic hydrophilic monomer. Consequently, poly(tetrahydrofurfuryl methacrylate) exhibits unique characteristics with regard to its behavior in water. The polymer undergoes slow water uptake, approaching 70%, but the material remains rigid throughout the process. The polymer has demonstrated excellent biocompatibility with proposed applications in tissue repair and dental resins. This material has additional uses in contact lenses, electrical cable coatings, and general purpose repair adhesives.

Typical Properties

Purity, %	> 98.0
Color, APHA	< 50
Moisture, %	< 0.5
MEHQ, ppm	< 50

Physical Properties

Appearance	clear liquid
Molecular weight	170.2 g/mol
Flash Point, closed cup	91°C
Boiling point, 0.5 hPa	52°C
Specific gravity, 25°C	1.04
Refractive index, 25°C	1.457

Packaging

5-gallon pails, containing 18 kg each

55-gallon unlined steel drums, containing 200 kg each

Storage and Handling

Store at temperatures below 32°C, away from heat and sources of ignition. Wear goggles and gloves. Certain individuals may become sensitized to repeated exposure. Eye and skin contact, as well as inhalation, should be avoided. May damage fertility or the unborn child. 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.