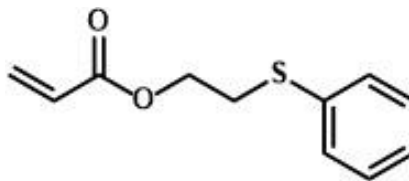


BIMAX® PTEA

Phenylthioethyl acrylate
CAS No. 95175-38-5
EINECS No. Not applicable
Developmental



Applications

This material is a unique monomer used in the production of thin films of high refractive index by photopolymerization. Its polymer exhibits inherent antioxidant properties and good solvent resistance.

Typical Properties

Purity, %	≥ 98.0
Phenylthioethanol, %	≤ 1.0
Color, APHA	< 100
Moisture, %	≤ 0.10
MEHQ, ppm	700-1200

Physical Properties

Appearance	clear, light yellow liquid
Molecular weight	208.3 g/mol
Boiling point, 0.05 mmHg	100°C
Refractive index, 20°C	1.557

Packaging

5-gallon poly pails, containing 18 kg each
55-gallon poly drums, containing 200 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.

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