



A Group Company of  MITSUBISHI
CHEMICAL

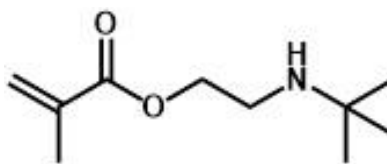
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BIMAX® TBAEMA

Tert-butylaminoethyl methacrylate

CAS No. 3775-90-4

EINECS No. 2232284



Applications

This material has applications in adhesives, coatings, oil additives, textiles (as a dye additive), paints, photoresists, photopolymer plates, rubber modifiers, dental composites, and cosmetics. It can be incorporated in flocculants or coagulants for water treatment, and is an excellent stabilizer or surface active demulsifier in oil in water separations and in liquid dispersion polymers. This monomer offers excellent adhesion to metallic and plastic substrates. It also offers low shrinkage and water solubility properties to its copolymers. This material also has FDA clearance for use as basic components of single and repeat use food contact surfaces.

Typical Properties

Purity, %	> 98.0
Color on Dispatch, APHA	< 50
Moisture, %	< 0.1
MEHQ, ppm	850-1350

Physical Properties

Appearance	clear liquid
Molecular weight	185.3 g/mol
Flash Point	96°C
Boiling range, 12 mmHg	100-105°C
Density (relative), 25°C	0.914 g/cm ³
Water solubility, 20°C	18 g/L

Packaging

5-gallon poly pails, containing 17 kg each

55-gallon poly drums, containing 181.5 kg each

Storage and Handling

Store at temperatures below 25°C under a blanket of nitrogen, away from heat, light, and polymerization initiators. Wear goggles and gloves. Eye and skin contact, as well as inhalation, should be avoided. May cause sensitization by skin contact. 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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