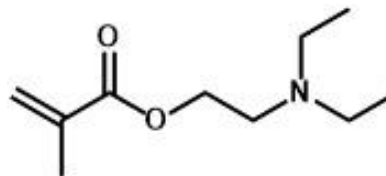


BIMAX® DEAEMA

N,N-Diethylaminoethyl methacrylate

CAS No. 105-16-8

EINECS No. 2032757



Applications

This material has applications in adhesives, coatings, oil additives, and textiles as a dye additive. The amine group can be quaternized to give water-soluble ammonium salts used in flocculants or coagulants for water treatment. It has been reported as a good adhesion promoter for industrial cans and automotive clear coatings as it offers excellent adhesion to metallic and plastic substrates. It also offers low shrinkage, impact resistance, and water solubility properties to its copolymers.

Typical Properties

Purity, %	> 99.0
Color, APHA	< 50
Moisture, %	< 0.1
MEHQ, ppm	1500

Physical Properties

Appearance	clear liquid
Molecular weight	185.3 g/mol
Flash Point, closed cup	77°C
Density (relative), 25°C	0.922 g/cm ³
Water solubility, 25°C	11.32 mg/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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