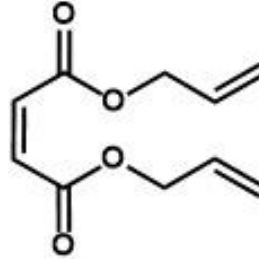


BIMAX® DIAM

Diallyl maleate
CAS No. 999-21-3
EINECS No. 2136580



Applications

Applications for this material include alkyd and polyester resins, adhesives, silicone release coatings, and ion exchange resins. The polymers formed have pendant allyl groups, which makes diallyl maleate useful in applications needing second stage curing operations. When used at low levels it promotes polymer branching and high usage levels it promotes crosslinking.

Typical Properties

Purity, %	> 98.0
Color, APHA	< 50
Moisture, %	< 0.10
Acid, ppm as COOH	< 250

Physical Properties

Appearance	clear liquid
Molecular weight	196.2 g/mol
Flash Point, closed cup	121°C
Boiling range, 4 mmHg	106-116°C
Specific gravity, 20°C	1.078

Packaging

5-gallon pails, containing 18.1 kg each
55-gallon unlined steel drums, containing 213.2 kg each

Storage and Handling

Store at temperatures below 25°C, away from heat, light, and polymerization initiators. Wear goggles and gloves. While not a primary skin irritant, certain individuals may become sensitized to repeated exposure. 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.