
Description

ETHACURE 200 curative is an effective curing agent for polyurethanes and epoxies. It may also be used as a chain extender for polyurethane and polyurea elastomers, particularly in Reaction Injection Molding (RIM) and spray applications; as an antioxidant for elastomers, lubricants and industrial oils; and as a chemical intermediate.

Typical Composition

3,5-Diethyltoluene-2,6-diamine, %	75-81
3,5-Diethyltoluene-2,4-diamine, %	18-20
Dialkylated m-phenylenediamines, %	0.5 - 3
Water, %	< 0.08

Typical Properties

Appearance	clear, light colored liquid*
Molecular weight	178.28
Boiling point, °F/°C	555/308
Density at 20°C, g/mL	1.022
lbs/gal	8.50
Pour point, °F/°C	15/-9
Flash point, TCC, °F/°C	> 275/> 135
Viscosity at 20°C, centistokes	280
Viscosity at 25°C, centistokes	155
Solubility	
Ethanol	miscible
Toluene	miscible
Water	1.0
Equivalent weight with isocyanates	89.5
Equivalent weight with epoxies	44.3

*Darkens with time and exposure to air

Shipping Information

Container sizes:
Tank cars
Tank trailers
Drums: 5-gallon and 55-gallon, non-returnable, steel

Shipping Classifications:
U.S. DOT: not regulated in transportation
IMCO or ICAO: Class 9

Other Information:
U.S. TSCA Chemical Inventory Number: CAS 68479-98-1

Safety and Handling Information

Before handling or using this product, the material safety data sheet (MSDS) should be read and understood. The MSDS can be obtained from your Albemarle sales representative.

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation and its subsidiaries. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patent.



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