

ETHACURE 100

Description	ETHACURE 100 curative is an effective curing agent for polyurethanes and epoxy resins. It may also be used as a chain extender for polyurethane and polyurea elastomers, particularly in reaction injection molding and spray applications.	
Typical composition	3,5-diethyltoluene-2,4-diamine, %	75-81
	3,5-diethyltoluene-2,6-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 68°F (20°C), g/ml	1.022
	lb/gal	8.50
	Pour point, °F (°C)	15 (-9)
	Flash point (TCC), °F (°C)	>275 (>135)
	Viscosity at 68°F (20°C), cSt	280
	Viscosity at 77°F (25°C), cSt	155
	Solubility	
	Ethanol	Miscible
	Toluene	Miscible
	Water	1.0
	Equivalent weight with isocyanates	89.1
	Equivalent weight with epoxy resins	44.6
	*Darkens with time and exposure to air	
Shipping information	Container sizes: Tank cars Tank trailers Drums: 5- and 55-gal, non-returnable, steel	
	Shipping classification: US DOT: Not regulated in transportation IMCO or ICAO: Class 9	
	Other information: US TSCA Chemical Inventory Number: CAS 68479-98-1	
Safety and handling information	Before handling or using this product, the material safety data sheet should be read and understood. This can be obtained from your Albemarle sales representative.	