Technical Data Sheet
Date of Issue: 2026/01/03

ETHACURE® 420 Curative

CAS Number	5285-60-9
EINECS/EC	226-122-6
Molecular Formula	$C_{21}H_{30}N_2$

APPLICATION

ETHACURE 420 curative is an effective curing agent for polyurethanes. It can be used as a chain extender for polyurethane and polyurea elastomers, rigid and flexible foams, adhesives and joint sealants as well as in spray applications.

PHYSICAL PROPERTIES

Property	Value
Appearance	clear, yellow liquid *
Molecular weight g/mol	310.48
Boiling point °F (°C)	825.8 (441)
Density at 68°F (20°C), g/ml	0.991
Density at 68°F (20°C), lb/gal	8.50
Viscosity at 68°F (20°C), cP	570.2
Viscosity at 77°F (25°C), cP	336.9
Equivalent weight with isocyanates	155

An asterisk (*) indicates that this will darken with time and exposure to air.

HANDLING & STORAGE

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.

TRANSPORT & PACKAGING

Container sizes:

Tank cars
Tank trailers
Drums: 5- and 55-gal, nonreturnable steel

Shipping classification:

DOT description/proper shipping name:
Not regulated for transportation

Other information:

US TSCA Chemical Inventory Number: CAS 5285-60-9
EINECS: Listed
MITI: Listed

OTHER INFORMATION

Further Related Documents — Safety Data Sheet

Albemarle®