



# MORGAN MATERIALS

INCORPORATED

380 Vulcan Street Buffalo, New York 14207 USA  
Telephone: (716) 873-2000 FAX: (716) 873-2181

## Technical Data Sheet

### Curing Agent 3502

#### Product Description

Curing Agent 3502 is a reaction product of ethylenediamine and methyl isobutyl ketone. This low viscosity ketimine curing agent is recommended for specialized marine, maintenance, automotive, flooring and adhesive formulations.

#### Application Areas/Suggested Uses

- This curing agent is recommended for use in combination with other amine curing agents in high solids maintenance and marine coatings that can be applied with conventional application equipment. Dry film build of 8-10 mils can be achieved in a one coat application.
- This curing agent can be used in adhesives and industrial flooring applications up to 8-10 mils in dry film thickness.
- Curing Agent 3502 can be combined with other curing agents to lower viscosity and extend the pot life of certain formulations.

#### Benefits

- Low viscosity
- Imparts extended pot life of 7-8 hours to high solids coatings and adhesives
- Systems based on Curing Agent 3502 need only conventional application equipment
- Curing Agent 3502 provides similar performance when compared to unmodified aliphatic amines or amine adducts

#### Sales Specification

Property	Units	Value	Test Method/Standard
Basic Nitrogen	% (m)	11.0 – 14.0	ASTM D2896
Viscosity at 25°C	mPa·s	6 – 11	ASTM D2196
Color	Gardner	8 max.	ASTM D1544

#### Typical Properties

Property	Units	Value	Test Method/Standard
Equivalent weight, approx.		55	
Density at 25°C	lbs/gal	7.1	ASTM D1475
	g/ml	0.875	
Available polyamine content	% wt.	27	
	% vol.	26	
Vapor Pressure	mm Hg	<1	
Flash Point	°F	135	Pensky Martin Closed Cup.
Physical Form		Clear light amber liquid	