

ANCAMINE[®] TEPA**Curing Agent****DESCRIPTION**

Ancamine TEPA curing agent is a standard commercial grade of tetraethylene pentamine. It is less corrosive and has a lower vapor pressure than either Ancamine DETA or TETA curing agents, and is also less hygroscopic and less prone to carbamation.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear amber liquid		
Color	2	Gardner	ASTM D1544-80
Viscosity @ 25°C	80	mPas	Brookfield, ASTM D445-83
Density @ 25°C	0.995	g/cm ³	
Flash Point (closed cup)	185	°C	
Equivalent	31	Wt{H}	
Recommended Use Level	16	phr, EEW=190	Some latitude is possible

ADVANTAGES

Extended pot life and less tendency to blush compared with other unmodified aliphatic amines.

APPLICATIONS

- Solvent-based baked coatings
- Encapsulation

SHELF LIFE

At least 18 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

STORAGE AND HANDLING

Refer to the Safety Data Sheet on Ancamine TEPA curing agent.

TYPICAL CURE SCHEDULE

- 2–7 days at room temperature.
- Gel at room temperature plus 2 h at 100°C.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit
Gel Time (150g mix @ 25°C)	35	min

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