

ANCAMINE® 2734**Curing Agent****DESCRIPTION**

Ancamine 2734 curing agent is a mannich base adduct intended for use with liquid epoxy resin. The product exhibits fast cure under adverse conditions of high humidity and low temperature, and will cure at temperatures as low as 5°C. Ancamine 2734 is based on sustainable raw materials and shows compliance with REACH and other global legislation. Ancamine 2734 is used as an epoxy curing agent for medium solids marine, heavy duty and general industrial coatings and transportation primers, solvent based floor primers and quick cure primers.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Orange-brown liquid		
Colour	<18	Gardner	ASTM D 1544-80
Viscosity @ 25°C	500-2500	mPa.s	Brookfield, Spindle 4
Solids	64-66	%	
Amine Value	160-215	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	0.98		
Equivalent	175	Wt/{H}	
Recommended use Level	100	PHR	With Bisphenol-A diglycidyl ether (EEW=190)

ADVANTAGES

- Fast cure with long potlife
- Good low temperature cure
- Good corrosion and water resistance
- Good adhesion

APPLICATIONS

- General Industrial Coatings
- Ballast Tank Coatings
- Solvent-based Concrete Primers

SHELF LIFE

At least 24 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 for Ancamine 2734 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time (150g mix at 25°C)	80	mins	Techne GT-3 Gelation Timer
Thin Film Set Time 25°C	4	h	BK Drying Recorder Phase II/III
Thin Film Set Time 5°C	9	h	BK Drying Recorder Phase II/III
PersoZ Hardness at 25°C (1d / 7d)	150/300		
Carbamation Test	5		ISO 2812 (Wet Patch Method), scale 1-5 (5 is best)
Typical cure schedule	2-7	days	

*With Bisphenol-A diglycidyl ether (EEW=190)

Ancamine® is a registered trademark of Evonik Industries AG or one of its subsidiaries.

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

EVONIK OPERATIONS GMBH

Business Line Crosslinkers
Paul-Baumann-Str. 1
45764 Marl
Germany

www.evonik.com/crosslinkers

Product Information: APCSE@evonik.com

Sample Request: APCSE@evonik.com

EVONIK CORPORATION

Business Line Crosslinkers
7201 Hamilton Blvd.
Allentown, PA 18195
USA

CrosslinkersProinfo@evonik.com

Crosslinkers-Samples@evonik.com

EVONIK SPECIALTY CHEMICALS (SHANGHAI) CO., LTD.

Business Line Crosslinkers
55, Chungong Road
Xinzhuang Industry Park
Shanghai, 201108
China

CL-Asiainfo@evonik.com

CL-Asiainfo@evonik.com

