

Product information

ANCAMINE® 2738

Curing Agent

DESCRIPTION

Ancamine® 2738 is a modified polyamine curing agent intended for use as a curing agent for diluted liquid epoxy resin at ambient and low temperature application (10°C).

Ancamine® 2738 curing agent is free of benzyl alcohol, facilitating zero volatile organic component coating and flooring formulations. Also, Ancamine® 2738 curing agent allows the use in emission compliant coating and flooring systems.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Yellow liquid		
Colour	max 6	Gardner	ASTM D 1544
Viscosity @ 25°C	100-200	mPa.s	Brookfield DV+ Spindle 5
Specific Gravity	1.0		
Amine Value	525-575	mg KOH/g	Perchloric Acid Titration
Equivalent	95	Wt/{H}	
Recommended use Level	50	PHR	With Bisphenol-A diglycidyl ether (EEW=190)

ADVANTAGES

- Good colour and colour durability
- High mechanical resistance
- Free of benzyl alcohol

APPLICATIONS

- Emission compliant coatings and flooring systems
- Industrial flooring applications

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

PACKAGING AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2738 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Ancamine® 2738 is designed for use with reactive diluent diluted liquid epoxy resin			
Typical cure schedule	2-7	days	
Gel Time (150g mix at 23°C)	150	mins	Techne GT-3 Gelation Timer
Thin Film Set Time 23°C	13	h	BK Drying Recorder Phase III
Gloss 20°/60°, 23°C	100/102		

*With Bisphenol A/F diglycidyl ether blend, Epodil® 748 Reactive Diluent diluted, EEW195, h 900 mPa.s

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
7001 Hamilton Boulevard
Trexlerstown, PA 18087
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

