

ANCAMINE® 1693HV Curing Agent**DESCRIPTION**

Ancamine 1693HV is a modified cycloaliphatic polyamine adduct designed for use as an ambient temperature curing agent for epoxy resin. Ancamine 1693HV light colour, good colour stability and outstanding chemical resistance, particularly to sour crude oil. These properties make Ancamine 1693HV ideal for use in high solids and solvent free storage coatings.

ADVANTAGES

- High chemical resistance

APPLICATIONS

- High solids and solvent free coatings
- Chemical storage tanks

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container stored undercover at ambient temperature away from excessive heat and humidity.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 1693HV curing agent.

TYPICAL PROPERTIES

Appearance	Clear light yellow liquid
Colour¹	max 10
Viscosity² @ 25°C [mPa.s]	2,700-9,200
Amine Value³ [mg KOH/g]	300-320
Specific Gravity @ 25°C [g/ml]	1.05
Equivalent Wt/{H}	106
Recommended use Level⁴, [PHR]	55

TYPICAL HANDLING PROPERTIES

Gel Time⁵ (150g mix at 25°C), [mins]	60
--	----

Footnotes:

- (1) ASTM D 1544-80
- (2) Brookfield RVTD, Spindle 4
- (3) Perchloric Acid Titration
- (4) With Bisphenol A diglycidyl ether (EEW=190)
- (5) Techne GT-3 Gelation Timer

Epoxy Curing Agents and Modifiers

ANCAMINE® 1693HV Curing Agent

EVONIK RESOURCE EFFICIENCY GMBH

Business Line Crosslinkers
Paul-Baumann-Straße 1
45764 Marl
Germany

apcsepx@evonik.com
www.evonik.com/crosslinkers

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

