

ANCAMIDE® 1691 Curing Agent**DESCRIPTION**

Ancamide 1691 is an epoxy adduct of the standard polyamide curing agent, Ancamide 220, supplied as a 60% solids by weight solution in xylene/butanol (4/1 by weight). Special features of this polyamide adduct include: good epoxy resin compatibility without induction and better cure under adverse conditions; fast touch dry with solid resins. Applications include, general purpose maintenance paints and primers.

Chemical resistance will be strongly influenced by loading and choice of solvent blends selected. With stoichiometric loading and suitable solvent blend: good to excellent against water, alkali solutions, alcohols, hydrocarbons and certain chlorinated hydrocarbons; moderate to poor against acids.

ADVANTAGES

- No induction time needed
- Improved cure under adverse conditions (compared to standard polyamides)
- Fast touch-dry time with solid resins

APPLICATIONS

- General purpose maintenance paints and primers

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 Ancamide 1691 curing agent.

TYPICAL PROPERTIES

Appearance	Amber Liquid
Colour¹ (Gardner) max	10
Viscosity² @ 25°C, [mPa.s]	300-1,300
Amine Value³ (mg KOH/g)	120-145
Specific Gravity @ 21°C, [g/ml]	0.94
Flash Point (closed cup), °C	27
Equivalent Wt/{H}	550
Recommended use Level⁴, [PHR]	110

TYPICAL HANDLING PROPERTIES (70 PHR)

Will depend on solvent blend selected

Typical cure schedule 2- 7 days

Footnotes:

- (1) ASTM D 1544-80
- (2) Brookfield RVTD, Spindle 4
- (3) Perchloric Acid Titration
- (4) With Bisphenol A diglycidyl ether (EEW=500)

Epoxy Curing Agents and Modifiers

ANCAMIDE® 1691 Curing Agent

EVONIK RESOURCE EFFICIENCY GMBH

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

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

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