

Product information

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.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber Liquid		
Colour	10	Gardner	ASTM D 1544-80
Viscosity @ 25°C	300-1300	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	120-145	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	0.94	[g/ml]	
Flash Point (closed cup)	27	°C	
Equivalent	550	Wt/{H}	
Recommended use Level	110	PHR	With Bisphenol A diglycidyl ether (EEW=190)

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 HANDLING PROPERTIES (70PHR)

Will depend on solvent blend selected
Typical cure schedule 2- 7 days

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