



Merginamid A 112

PRODUCT INFORMATION

Product Description

Merginamid A 112 is a solvent containing modified polyaminoamide-adduct which is applied in combination with solutions of solid epoxy resins. Those combinations harden to tackfree films at high air-humidity and temperatures about ten degrees Celsius.

Typical Parameters

Viscosity at 20°C [mPa*s]	1 400 - 2 200	Flash point [°C]	Min. 27
Amine value [mg KOH/g]	130 - 145	H-active-equivalent [g/Eg]	Ca. 520
Colour [Gardner]	Max. 8	Use level [g/100g]	110 ¹⁾
Solids content [%]	59 - 61	Gel pime 250g at 23°C	Min. 12 h ¹⁾
Density at 20°C [g/cm ³]	0.94	Solvent	Xylol / n-Buntanol (4/1)
		Biobased carbon content ²⁾ [%]	0

¹⁾ Dispersion of a solid epoxy resin, epoxy equivalent weight approx. 450-500 g/Eq

²⁾ Measure of the amount of biomass-derived carbon in a product compared to its total carbon content

Application and Properties

Merginamid A 112 is preferably used in combination with the 75 % solutions of solid epoxy resins with an epoxy equivalent weight (EEW) of 450 until 500. The recommended mixing ratio is given in the above table.

The potlifes of those solutions depend on solids content, type of solvent and temperature. That is why the potlifes may considerably fluctuate between two and seven days.

The remarkable features of Merginamid A 112 in combination with solutions of solid epoxy resins are: excellent flow properties, short drying time, absolutely tackfree film forming even at high air-humidity and at temperatures about ten degrees Celsius. The hardened lacquer films possess high gloss and outstanding mechanical and chemical properties.

Merginamid A 112 is applied as hardener in solvent containing and moisture resistant epoxy coating systems in the paint- and building protection industry, for instance as clear lacquers, pigmented lacquers, graining primers, rust-prevention primers, tar epoxy combinations and others.

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