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Merginamid A 130

PRODUCT INFORMATION

Product Description

Merginamid A 130 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]	145 - 165	**H-active-equivalent** [g/Eg]	Ca. 520
Colour [Gardner]	Max. 8	**Use level** [g/100g]	110 [1]
Solids content [%]	58 - 61	**Gel time** 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] [%]	43

[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 130 is preferably used in combination with the 75 % solutions of solid epoxy resins with an epoxy equivalent weight (EEW) of 600 until 660 (see above).

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 four days.

The remarkable features of Merginamid A 130 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 130 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.

Merginamid A 130 is the accelerated version of Merginamid A 112.

Disclaimer

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