



## MERGINAMID A 210/5

### PRODUCT INFORMATION

#### Product Description

MERGINAMID A 210/5 is a solvent-free, modified polyamine-adduct that is able to emulsify unmodified and modified liquid epoxy resins as well as dispersions of solid epoxy resins in water. After evaporation of the water homogeneous coatings with unobjectionable film properties are obtained.

#### Typical Parameters

<b>Viscosity</b> at 25°C [mPa*s]	18 000 - 28 000	<b>Flash Point</b> [°C]	Min. 100	
<b>Amine value</b> [mg KOH/g]	170 - 200	<b>H-active-equivalent</b> [g/Eg]	Ca. 230	
<b>Colour</b> [Gardner]	Max. 6	<b>Use level</b> [g/100g]	120 <sup>1)</sup>	25 <sup>2)</sup>
<b>Solids content</b> [%]	54 - 56	<b>Gel Time</b> 250g at 23°C	Ca. 1 h <sup>1)</sup>	Min. 6 h <sup>2)</sup>
<b>Density</b> at 20°C [g/cm <sup>3</sup> ]	1	<b>Solvent</b>	Water	

<sup>1)</sup> Liquid epoxy resins, epoxy equivalent weight approx. 190 g/Eq

<sup>2)</sup> Dispersion of a solid epoxy resin (56 %), epoxy equivalent weight approx. 890 g/Eq

#### Application and Properties

MERGINAMID A 210/5 is an emulsifying hardener especially suited for the formulation of aqueous corrosion protection coatings, concrete primers, floor and wall paints and epoxy cement mortars with good adhesion on metallic and mineral substrates, good early water resistance and a good chemical resistance.

The coating formulations based on this hardener possess a potlife of about one hour, and the coating films reach their final hardness at a high gloss level already after two days.

Due to their very low shrinkage tendency epoxy coatings based on MERGINAMID A 210/5 can also be applied as thick layers. The very light colour of this hardener and its low yellowing tendency enable its use also in the decorative field of application.

#### Disclaimer

This information is believed to be correct. However, this should not be accepted as guarantee and no statement should be construed as a recommendation for any use which would violate any patent rights.