

## Technical Information

# CeTePox 700 FM

### Characteristics

Branched ether-urethane-polymer with blocked, amine curable isocyanate groups; free from solvents and modifiers.

### Properties and Fields of Application

*CeTePox* 700 FM is a polyether-urethane based flexibilising agent which is used in ambient curing epoxy systems. Depending on the epoxy resin/*CeTePox* 700 FM ratio tough-hard to highly elastic coatings can be formulated. *CeTePox* 700 FM is added to the resin component; during the cross-linking with suitable amine hardeners like e.g. *CeTePox* 1235 H, *CeTePox* 700 FM is built into the epoxy resin matrix. Main fields of application are coatings for the protection of steel and concrete as well as flexible castings and sealers. Compared to *CeTePox* 600 FM *CeTePox* 700 FM offers a lower viscosity and a higher reactivity at lower epoxy resin levels.

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
<b>Specification</b>	Viscosity at 23 °C	70 ± 15 Pa*s	DIN 53 214
	Density at 23 °C	1.04 g/cm <sup>3</sup>	DIN 53 217, T 3
	NCO-Content (blocked)	appr. 2,6 %	
	Epoxy-Equiv. Weight	appr. 900 g/eq. empirical	
	Flash point	>180 °C	DIN-ISO 3679

### Storage

At room temperature in originally packed units the shelf-life is at least 6 months. Extended storage at higher temperatures leads to polymer-formation, thus increasing the viscosity of the product.

### Remarks with Regard to Occupational Safety

The usual precautionary measurements for the handling of chemicals have to be observed. When working with epoxy resins and hardeners, the regulations of the "Berufsgenossenschaft der Chemischen Industrie" have to be considered (e.g. data sheet M 023 Polyester and epoxy resins).

Classification according GefStoffV: Not classified

The product is no dangerous material in the sense of corresponding EC-regulations. It is no dangerous transport material.

*The indications given in this technical information are based on thoroughly executed tests and are to give reference to the user. However, they are non-binding as we cannot take over any responsibility, also related to possible protective rights of third parties, due to the variety of treatment and application.*

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