

## VESTANAT<sup>®</sup> EP\*1-MF 202

(preliminary)

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### General description

VESTANAT<sup>®</sup> EP-MF 202 is a solvent free and ready catalyzed polymethoxysilane. It is used as a crosslinker or sole binder to formulate flexible, highly scratch- and chemical resistant coatings, e. g. highly scratch resistant NISO<sup>2</sup> coatings.

<sup>2</sup> NISO = Non-isocyanate

### Typical data

Property	Value	Unit	Test method
Non-volatile constituent	100	% by wt.	calculated
NCO-Content	≤ 0,1	% by wt.	DIN EN ISO 11909 ASTM D 2572
Colour (Hazen)	≤ 100	mg Pt/l	DIN EN ISO 6271
Viscosity at 23°C	2000 - 3000	mPas	DIN EN ISO 3219

### Properties and applications

VESTANAT<sup>®</sup> EP-MF 202 could be used as a sole binder or in combination with appropriate resins (e.g. acrylate resins) to formulate highly scratch resistant coatings for e.g. wood, plastic, maintenance and if applicable for car refinish applications. No isocyanate based hardener for hardening of the system is required. Solvents that are saponifiable such as e.g. esters, lead in conjunction with VESTANAT<sup>®</sup> EP-MF 202 to a significant reduction in storage stability. The curing of VESTANAT<sup>®</sup> EP-MF 202 takes place from 0°C. An accelerated drying above 40°C interferes the reactivity of the product.

### Storage

VESTANAT<sup>®</sup> EP-MF 202 is an experimental product and therefore final information on storage stability isn't yet available. Due to the fact that the product is sensitive to moisture we advise to store VESTANAT<sup>®</sup> EP-MF 202 in the tightly sealed original Container. Due to the fact that the product is sensitive to elevated temperatures we advise to store VESTANAT<sup>®</sup> EP-MF 202 at room temperature to avoid an increased yellowing.

## Safety and Handling

The formation of methanol during curing must be taken into consideration. Provisions to protect workers have to be installed.

For further information on the safe handling of VESTANAT<sup>®</sup> EP-MF 202 please refer to our safety data sheet.

\*1 EP = Experimental Product

This is an experimental product at the development stage. No definitive statements can therefore be made as to type conformity, processability, long-term performance characteristics or other production or application parameters. Therefore, the purchaser/user uses the product entirely at its own risk without having been given any warranty or guarantee and agrees that the supplier shall not be liable for any damage, of whatever nature, arising out of such use. The figures given should be regarded as non-binding approximate data only, and not as guide values or binding minimum values. Commercialization and continued supply of this product are not assured. Its supply may be discontinued at any time.

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