

Product information

VESTANAT[®] EP*¹ -EF 201

(PRELIMINARY)

GENERAL DESCRIPTION

VESTANAT[®] EP-EF 201 is a ready catalyzed polyethoxysilane. It is used as a crosslinker or sole binder to formulate highly scratch- and chemical resistant coatings, e. g. highly scratch resistant NISO² coatings. The crosslinker is appropriate for the use in "do-it-yourself" (DIY) applications.

² NISO = Non-isocyanate

TYPICAL DATA

Property	Value	Unit	Test method
Solid content	96	% by wt.	calculated
Viscosity at 23°C	approx. 350	mPas	DIN EN ISO 3219
Colour (Hazen)	≤ 50	mg Pt/l	DIn EN ISO 6271

PROPERTIES AND APPLICATIONS

VESTANAT[®] EP-EF 201 can 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, car refinish and DIY applications. No isocyanate based hardener for hardening of the system is required but can be used in combination with VESTANAT[®] EP-EF 201 if required. The curing of VESTANAT[®] EP-EF 201 takes place from 0°C.

*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.



STORAGE

Due to the fact that the product is sensitive to moisture we advise to store VESTANAT® EP-EF 201 in a tightly sealed and nitrogen-blanketed container to avoid an increased entry of water for re-use. We advise to store VESTANAT® EP-EF 201 at room temperature to avoid an increased yellowing. VESTANAT® EP-EF 201 is an experimental product and our storage stability data has yet to be established.

SAFETY AND HANDLING

The formation of ethanol during curing must be taken into consideration.

For further information on the safe handling of VESTANAT® EP-EF 201 please refer to our safety data sheet.

Marl, January 9, 2019; This data sheet replaces all former issues.

VESTANAT® is a registered trademark of Evonik Industries AG or one of its subsidiaries.

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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