Product information

VESTANAT® EP*-U 523

GENERAL DESCRIPTION

VESTANAT® EP-U 523 is an aliphatic PUR-prepolymer dissolved in 1-methoxy-2-propyl acetate. It is used to formulate lightfast and weathering resistant coatings.

SPECIFICATION (PRELIMINARY)

Property	Value	Unit	Test method*
Solid content	80 ± 1	% by wt.	DIN EN ISO 3251 (1,2-1,5 g, 1 h 150°C)
Viscosity at 23°C	~ 7000	mPas	DIN EN ISO 3219
NCO content	2.9 ± 0.2	% by wt.	DIN EN ISO 11909

TYPICAL DATA

Property	Value	Unit	Test method
Monomer Content (IPDI)	≤ 0.8	% by wt.	DIN EN ISO 10283
Colour number (Hazen)	≤ 100	-	DIN EN ISO 6271
Density (20°C)	1.049	g/cm^3	DIN 51757
Flash point	44	°C	DIN EN ISO 13736

* 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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PROPERTIES AND APPLICATIONS

Due to its aliphatic PUR-character, VESTANAT® EP-U 523 is used as a binder for moisture curing, light- and weather resistant polyurethane/polyurea coatings, in combination with VESTANAT® T 1890 M.

STORAGE

VESTANAT® EP-U 523 is supplied in non-returnable 200 kg net drums. VESTANAT® EP-U 523 can be stored in unopened containers for at least 6 months without loss of quality in accordance with the above specification.

SAFETY AND HANDLING

Please refer to our Material Safety Data Sheet.

Marl, February 12, 2019; This data sheet replaces all former issues.

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