

VESTANAT[®] EP*-M 95

(preliminary)

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General description

VESTANAT[®] EP-M 95 is a solvent free, polyfunctional methoxy silane. It is used as a crosslinker to formulate highly scratch resistant coatings.

Typical data

| Property | Value | Unit | Test method |
|--------------------|-------------|----------|-----------------|
| Silicon content | approx. 9.8 | % by wt. | calculated |
| Viscosity at 23 °C | approx. 600 | mPa·s | DIN EN ISO 3219 |
| Colour (Hazen) | ≤ 50 | mg Pt/l | DIN EN ISO 6271 |

Properties and applications

VESTANAT[®] EP-M 95 is used in combination with suitable acrylic or polyester resins to formulate highly scratch resistant clear coats for e. g. automotive (OEM/refinish), wood, plastic and maintenance applications. In order to adjust a specific reactivity profile the use of catalysts is advised. Suitable catalyst recommendations are available on request. VESTANAT[®] EP- M 95 can also be used as a co-crosslinker in 2 pack PUR-coatings.

Storage

VESTANAT[®] EP-M 95 is sensitive to moisture. It can be stored in unopened containers for at least 6 months at ambient temperature without loss of quality in accordance with the above specification. Due to the fact that the product is sensitive to elevated temperatures we advise to store VESTANAT[®] EP-M 95 at room temperature to avoid an increased yellowing.

Safety and Handling

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

For further information on the safe handling of VESTANAT[®] EP-M 95 please refer to our safety data sheet.

* 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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| Evonik Resource Efficiency GmbH | Evonik Corporation | Evonik Speciality Chemicals Co., Ltd. |
| Paul-Baumann-Str. 1 | Reource Efficiency | 55, Chundong Road |
| 45764 Marl | 299 Jefferson Road | Xinzhuang Industry Park |
| Germany | Parsippany, NJ 07054-0677, USA | Shanghai, 201108, PR China |
| PHONE +49 2365 49-02 | PHONE +1 973 929-8000 | PHONE +86 21 6119-1000 |
| FAX +49 2365 49-5030 | FAX +1 973 929-8460 | FAX +86 21 6119-1168 |
| www.evonik.com/crosslinkers | www.evonik.com/crosslinkers | www.evonik.cn/crosslinkers |
| www.evonik.com/coatings | www.evonik.com/coatings | www.evonik.com/coatings |
| E-MAIL vesta@evonik.com | E-MAIL vesta@evonik.com | E-MAIL vesta@evonik.com |

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