

## Product information

# VESTANAT<sup>®</sup> EP\* -B 561 DINP (PRELIMINARY)

## GENERAL DESCRIPTION

VESTANAT<sup>®</sup> EP-B 561 DINP is a blocked cycloaliphatic polyisocyanate. It is supplied as a 45 % by wt. solution in diisononylphthalate.

## TYPICAL DATA

Property	Value	Unit	Test method
Non volatile matter	approx. 45	% by wt.	calculated
Viscosity at 23 °C	approx. 7	Pa	DIN EN ISO 3219
Free NCO content	< 0.1	% by wt.	DIN EN ISO 11 909 / ASTM D 2572
Splitting temperature	approx. 130	°C	-
Colour number (Hazen)	< 150	-	DIN ISO 6271
Latent NCO-content	approx. 2.5	% by wt.	DIN EN ISO 11909 modified

## PROPERTIES AND APPLICATIONS

Blocked polyisocyanate component for the combination with plastisols and organosols.

VESTANAT<sup>®</sup> EP-B 561 DINP enables the formulation of stoving systems to cure at temperatures of  $\geq 130$  °C.

The use of tin-catalysts, e. g. dioctyl-tin-dilaurate (DOTL) in concentrations of 0.1 - 0.5 % by wt. on solid resin is recommended.

\* 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 AND PACKAGING

VESTANAT® EP-B 561 DINP can be stored in unopened containers for at least one year without loss of quality in accordance with the above specifications.

VESTANAT® EP-B 561 DINP is supplied in non returnable 200 kg net drums.

## SAFETY AND HANDLING

Please refer to our Material Safety Data Sheet.

Marl, June 10, 2018; This data sheet replaces all former issues.

VESTANAT® is a registered trademark of Evonik Industrie 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.

### EVONIK RESOURCE EFFICIENCY GMBH

Business Line Crosslinkers  
Paul-Baumann-Str. 1  
45764 Marl  
Germany

[www.evonik.com/crosslinkers](http://www.evonik.com/crosslinkers)

For contact in your country, please visit: [www.evonik.com/crosslinkers-contact](http://www.evonik.com/crosslinkers-contact)

### EVONIK CORPORATION

Business Line Crosslinkers  
299 Jefferson Road,  
Parsippany, NJ 07054-0677  
USA

### EVONIK SPECIALITY CHEMICALS (SHANGHAI) CO., LTD.

Business Line Crosslinkers  
55, Chundong Road  
Xinzhuang Industry Park  
Shanghai, 201108  
China

