

TEGOSIVIN® HE 328

Product description

TEGOSIVIN® HE 328 is a solvent-free emulsion based on reactive organo-modified siloxanes.

Physical properties

Appearance	milky, white
Active content	approx. 50 %
Density (25 °C)	approx. 1.0 g/cm ³
Diluent	water
Viscosity (ISO cup/3 mm/23 °C)	40 – 55 sec.

Application

- Treatment for brick, stone and concrete facades
- Pre-treatment of building materials (clinker, fibre cement, curb stone, etc.)
- Injected damp-proof course (DPC, horizontal barrier) for brick, stone and concrete wall
- Admixture for concrete and other cement based formulations

Properties/Benefits

In addition to durable protection from water-induced damages TEGOSIVIN® HE 328 and products formulated from it provide:

- Effective protection even in driving rain
- Efflorescence prevention
- Protection against de-icing salts
- Alkali resistance

- A reduction in heat conductivity and thus improved thermal insulation
- A non-tacky finish with a stain release effect
- In most instances no change in surface appearance and virtually no reduction of vapour permeability
- Solvent-free and low VOC

Dosage and Handling

For the production of ready-to-use formulations TEGOSIVIN® HE 328 may be diluted to 5 – 25 % active content depending on the intended use.

For use as efflorescence control and water repellent in admixture applications dosage may vary from 0.1 – 1.0 % TEGOSIVIN® HE 328 referred to cement.

For masonry water repellent applications it is recommended to evaluate the required dosage by means of representative test areas prior to final impregnation.

Dilutions have to be protected by adding a suitable preservative (e. g. Actacid® MBS from Thor-Chemie). We recommend stirring TEGOSIVIN® HE 328 and formulations made from it prior to use.

For further guidelines please see our Technical Information.

Registration status

The ingredients of TEGOSIVIN® HE 328 are listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, ECL, PICCS, China

Further information is available on request.

Storage stability

TEGOSIVIN® HE 328 may be stored in closed container for at least 12 months. The product has to be stored under frost-free conditions; storage temperature should not exceed 35 °C.

Packaging

Pallet à 300 kg (6 x 50 kg plastic drums)
Pallet à 800 kg (4 x 200 kg plastic drums)
Container à 1 000 kg

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

07/2015

Trademark notice and legal notice

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.

(Status: July 2015)

Evonik Nutrition & Care GmbH

Goldschmidtstr. 100, 45127 Essen, Germany

Phone Europe +49 201 173-2665, Asia +86 21 61191 125, Americas +1 804 727 0700

interface-performance@evonik.com, www.evonik.com/interface-performance