

# TEGOSIVIN® HL 102

## Chemical description

TEGOSIVIN® HL 102 is a solvent-free ethoxy-functional oligomeric siloxane to provide excellent beading effect of treated substrates.

## Physical properties

Appearance	colourless/slightly turbid
Active content	100 %
Density (25 °C, DIN 51757)	1.0 – 1.1 g/cm <sup>3</sup>
Viscosity (25 °C, DIN 53015)	40 – 100 mPas

## Application

Solvent-based masonry water repellents formulated from TEGOSIVIN® HL 102 are mainly used for:

- Impregnation of facades
- Primer
- Barriers to prevent rising damp (DPC application)
- All kind of mineral based porous substrates

## Properties/Benefits

Beside excellent water repellency, products formulated based on TEGOSIVIN® HL 102 provide:

- Excellent beading effect
- Effective protection even in wind driven, heavy rainfall
- Reduction of efflorescence
- Protection against de-icing salts

- Normally no visible change of the surface and virtually no reduction of vapour permeability
- Reduction of heat conductivity and thus improved thermal insulation
- Does not contain tin-organic catalysts
- A non-tacky finish with a stain release effect
- High penetration depth (depending on active content)

## Dosage and handling

- TEGOSIVIN® HL 102 is normally applied as a solvent-based dilution. Depending on the application in question the active content may adjusted from 5 – 50 %.
- We recommend water-free aliphatic hydrocarbons with a boiling range from 130 to 200 °C and evaporation indices > 90 (DIN 53170) or ethanol.
- It may take up to 7 – 10 days for the full water repellent performance to be built up.

## Registration status

- The ingredients of TEGOSIVIN® HL 102 are listed in the following chemical inventories: EINECS, TSCA, PICCS
- TSCA: all intentional ingredients are listed on the TSCA inventory or comply with TSCA Polymer Exemption criteria per 40 CFR 723.
- Further information is available on request.

## Storage stability

TEGOSIVIN® HL 102 may be stored in closed containers for at least 6 months, provided moisture is excluded and storage temperature does not exceed 35 °C/95 °F.

## Packaging

Pallet à 300 kg (6 x 50 kg steel drums)  
Pallet à 800 kg (4 x 200 kg steel 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.

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### Trademark notice and legal notice

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