

## Product Information

## SITREN® 270

## PRODUCT DESCRIPTION

SITREN® 270 is an aqueous emulsion based on reactive organo-siloxanes.

## Typical Properties

Property	Unit	Value
<b>Appearance</b>		Milky, white emulsion
<b>Density</b> at 25°C	g/cm <sup>3</sup>	0.99-1.01
<b>Diluents</b>		Water
<b>Viscosity</b> 3 mm/23 °C	mPa·s	10-70

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

Water repellent treatment of

- Mineral substrates
- Renders
- Mineral fiber boards
- Water glass

## Product Composition

Product Composition	Unit	Value
<b>Active Content</b>	wt%	50-52

The data represents typical values (no product specification)

## BENEFITS &amp; ADVANTAGES

SITREN® 270 provides the following benefits

- Strong reduction of water uptake
- Excellent reactivity
- Good spreading properties

## DOSAGE

The required dosage may vary over a wide range (0.1 – 1.0 % by weight as delivered). Optimum dosage should be evaluated in suitable tests prior to the final application.

For initial trials we recommend 0.3 wt. % active material of SITREN® 270 referred to dry substrate.

## HANDLING &amp; PROCESSING

SITREN® 270 may be applied as delivered or from aqueous predilutions. Dilution ratio may range from 1:5 to 1:15 (preferably with demineralized water). For preparing the dilutions we recommend to add water to the emulsion while stirring at low shear rate.

## PACKAGING

Pallet à 800 kg (4 x 200 kg plastic drum)

Container à 1 000 kg

## SHELF LIFE

SITREN® 270 may be stored in closed containers for at least 6 months. The product has to be stored under frost free conditions; storage temperature should not exceed 35 °C.

## HAZARDOUS SUBSTANCE

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.

## REGISTRATION LISTING SUMMARY

The relevant components of SITREN® 270 are listed/registered or exempt in the following chemical inventories.

#### Registration Listings

Registry	Status
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Canada (DSL)	Yes
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China (IECSC)	Yes
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This product is certified by Evonik registration thus special import permissions are possible

EU (EINECS/ELINCS)	Yes
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New Zealand (NZIoC)	Yes
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Philippines (PICCS)	Exempted
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#### Registration Listings

Registry	Status
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Taiwan (TCSI)	Yes
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USA (TSCA)	Yes
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Possibility of a polymer exemption

#### 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 Operations GmbH

Interface & Performance  
Goldschmidtstraße 100  
45127 Essen, Germany  
Phone Europe +49 201 173-2665  
Phone Asia +86 21 61191 125  
Phone Americas +1 804 727 0700  
interface-performance@evonik.com  
[evonik.click/interface-performance](https://evonik.click/interface-performance)