

## 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
<b>Canada (DSL)</b>	Yes
<b>China (IECSC)</b>	Yes
This product is certified by Evonik registration thus special import permissions are possible	
<b>EU (EINECS/ELINCS)</b>	Yes
<b>New Zealand (NZIoC)</b>	Yes
<b>Philippines (PICCS)</b>	Exempted

Registration Listings	
Registry	Status
<b>Taiwan (TCSI)</b>	Yes
<b>USA (TSCA)</b>	Yes
Possibility of a polymer exemption	

#### Disclaimer

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