



# Scanmaskin Proof

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Version: 1  
Issue date: 01.08.2022

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name: Scanmaskin Proof

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Concrete and masonry impregnation

#### 1.3. Details of the supplier of the safety data sheet

Betongtett AS  
Storebotn 13 D  
5309 Kleppestø  
Norway  
Contact person: Roy Eide  
E-mail: roy@betongtett.no  
Tel.: (+47) 46 17 17 00  
www.betongtett.no

#### 1.4. Emergency telephone number

Denmark: Danish Poison Center (Giftlinjen) +45 8212 1212  
Spain: National Emergency Telephone Number of Spanish Poison Centre +34 91 562 04 20  
Sweden: 112 - ask for Poisons Information

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP):  
Not classified.

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP):  
No labelling acquired.

#### 2.3. Other hazards

PBT / vPvB: This substance/mixture does not meet the PBT/vPvB criteria of REACH regulation, annex XIII.  
Endocrine disrupting properties: The mixture does not contain endocrine disruptors above 0.1%, according to (EU) 2017/2100 or (EU) 2018/605.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Comments: Contains silicic acid, potassium salt (CAS-no. 1312-76-1) and silicic acid, sodium salt (CAS-no. 1344-09-8), both with molar ratios > 3.2.

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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

First-aid measures general:	In case of doubt or persistent symptoms, always consult a physician.
In case of inhalation:	Remove person to fresh air.
In case of skin contact:	Remove contaminated clothing. Rinse with plenty of water. Seek medical attention if irritation persists.
In case of contact with eyes:	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.
In case of ingestion:	Rinse mouth with water. Drink plenty of water. Do not induce vomiting. Seek medical attention if discomfort persists.

##### 4.2. Most important symptoms and effects, both acute and delayed

In case of inhalation:	Spray mist: Prolonged exposure may cause slight irritation.
In case of skin contact:	May cause slight irritation.
In case of contact with eyes:	May cause slight irritation.

##### 4.3. Indication of any immediate medical attention and special treatment needed

Other information:	Treat symptomatically.
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#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

Suitable extinguishing media:	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media:	Do not use straight streams.

##### 5.2. Special hazards arising from the substance or mixture

Fire hazard:	Not combustible.
Hazardous decomposition products in case of fire:	None known.

##### 5.3. Advice for firefighters

Protection during firefighting:	Wear a self-contained breathing apparatus (SCBA) and appropriate personal protective equipment (PPE).
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#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

General measures:	Ventilate spillage area. Avoid contact with skin and eyes. Use personal protective equipment as required. Refer to section 8. Evacuate unnecessary personnel. Risk for slipping if spilled product.
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##### 6.2. Environmental precautions

Prevent spillage to sewer, waterway or ground.

##### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up:	Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite. Shovel into suitable and closed container for disposal. Flush area with plenty of water.
Other information:	Dispose of materials or solid residues at an authorized site. Refer to section 13.

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#### 6.4. Reference to other sections

For further information refer to section 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling:	Ensure good ventilation. Avoid contact with skin and eyes. Do not breathe spray mist. Use protective equipment as referred to in section 8.
Hygiene measures:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:	Store dry and cool in a tightly closed original container. Avoid freezing. Protect from sunlight.
Incompatible materials:	Strong oxidizing agents. Strong acids. Ammonium salts. Aluminium, zinc, lead, tin and their alloys.
Suitable packaging:	Steel or plastic.
Storage temperature:	> 5 °C

### 7.3. Specific end use(s)

See section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational exposure limits:	Contains no substances with occupational exposure limits.
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#### DNEL/PNEC:

##### Silicic acid, potassium salt (CAS-no. 1312-76-1)

Group	Route of exposure	DNEL
Worker	Inhalation, long term, systematic effect	5.61 mg/m <sup>3</sup>
Worker	Dermal, long term, systematic effect	1.49 mg/kg bw/day
Consumer	Oral, long term, systematic effect	0.74 mg/kg bw/day
Consumer	Inhalation, long term, systematic effect	1.38 mg/m <sup>3</sup>
Consumer	Dermal, long term, systematic effect	0.74 mg/kg bw/day
Route of exposure		PNEC
Freshwater		7.5 mg/l
Marine water		1 mg/l
Intermittent releases (freshwater)		7.5 mg/l
STP		348 mg/l

##### Silicic acid, sodium salt (CAS-no. 1344-09-8)

Group	Route of exposure	DNEL
Worker	Inhalation, long term, systematic effect	5.61 mg/m <sup>3</sup>
Worker	Dermal, long term, systematic effect	1.59 mg/kg bw/day
Consumer	Oral, long term, systematic effect	0.8 mg/kg bw/day
Consumer	Inhalation, long term, systematic effect	1.38 mg/m <sup>3</sup>
Consumer	Dermal, long term, systematic effect	0.8 mg/kg bw/day

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Route of exposure	PNEC
Freshwater	7.5 mg/l
Marine water	1 mg/l
Intermittent releases (freshwater)	7.5 mg/l
STP	348 mg/l

## 8.2. Exposure controls

### Appropriate engineering controls:

Appropriate engineering controls: Ensure good ventilation of the workstation. Personal protective equipment must be chosen on the basis of the risk assessment. The supplier of the protective equipment can assist in the evaluation and choice of the equipment. Personal protective equipment must be CE marked.

### Eye / face protection:

Eye protection: If risk of exposure: Tightly fitting safety goggles.  
Standard: EN 166

### Hand protection:

Suitable gloves: Wear suitable chemical resistant gloves. Eg. PVC or butyl.  
Breakthrough time: No information available.  
Glove thickness: No information available.  
Standard: EN 374

### Skin protection:

Suitable protective clothing: Wear suitable protective clothing.

### Respiratory protection:

Respiratory protection: Normally not necessary.  
In case of repeated or prolonged exposure to spray mist, use respiratory protection with filter P2.  
Standard: EN 143

### Environmental exposure controls:

Avoid release to the environment.

### Other information:

Eye wash station should be available at the workplace.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colourless
Odour:	Odourless
Melting point / freezing point:	0 °C
Boiling point:	> 100 °C
Flammability:	Not flammable
Explosion limit:	Not relevant
Flash point:	Not relevant
Auto-ignition temperature:	Not relevant
Decomposition temperature:	No data available
pH:	11,4
Kinematic viscosity:	1 - 5 cP (dynamic)
Solubility:	Soluble in water

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Partition coefficient n-octanol/water (Log Pow):	No data available
Vapour pressure:	No data available
Density / relative density:	1.135 g/cm <sup>3</sup>
Relative vapour density:	No data available
Particle characteristics:	Not relevant

### 9.2. Other information

Comments	No additional information available.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

May form hydrogen gas on contact with metals specified in section 10.5.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Aluminium, zinc, lead, tin and their alloys. Forms ammonia by reaction with ammonium salts.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Assessment of classification, acute toxicity (oral),	Not classified. (Based on available data, the classification criteria are not met.)
Assessment of classification, acute toxicity (dermal):	Not classified. (Based on available data, the classification criteria are not met.)
Assessment of classification, acute toxicity (inhalation):	Not classified. (Based on available data, the classification criteria are not met.)

#### Skin corrosion / irritation

Assessment of classification:	Not classified. (Based on available data, the classification criteria are not met.)
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#### Serious eye damage/ irritation

Assessment of classification:	Not classified. (Based on available data, the classification criteria are not met.)
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#### Respiratory or skin sensitisation

Assessment of classification:	Not classified. (Based on available data, the classification criteria are not met.)
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#### Germ cell mutagenicity

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

#### Carcinogenicity

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

#### Reproductive toxicity

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

#### STOT – single exposure

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

#### STOT – repeated exposure

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

#### Aspiration hazard

Assessment of classification: Not classified. (Based on available data, the classification criteria are not met.)

#### Symptoms of exposure

Prolonged or repeated contact with the skin or mucous membrane leads to irritating symptoms such as redness, blistering, burning of the skin etc.

## 11.2 Information on other hazards

Endocrine disruptors properties: Not relevant.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute): Not classified. (Based on available data, the classification criteria are not met.)

Hazardous to the aquatic environment, long-term (chronic): Not classified. (Based on available data, the classification criteria are not met.)

#### Components:

Silicic acid, potassium salt (CAS-no. 1312-76-1)	
LC50 fish (96h)	> 146 mg/l, Leucidus idus
EC50 daphnia (48h)	> 146 mg/l, Daphnia magna
Silicic acid, sodium salt (CAS-no. 1344-09-8)	
LC50 fish (96h)	> 1108 mg/l, Brachydanio rerio
LC50 daphnia (48h)	> 1700 mg/l, Daphnia magna
ECO microorganisms (18h)	> 348 mg/l, Pseudomonas putida

### 12.2. Persistence and degradability

Persistence and degradability: Contains mainly inorganic substances. Biodegradation is not relevant for inorganic substances.  
Contains small amounts of organic substances that are readily biodegradable.

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#### 12.3. Bioaccumulative potential

Bioaccumulative potential: No available information on product.

#### 12.4. Mobility in soil

Mobility: No available information on product.

#### 12.5. Results of PBT and vPvB assessment

PBT / vPvB: This substance/mixture does not meet the PBT / vPvB criteria of REACH regulation, annex XIII.

#### 12.6. Endocrine disrupting properties

Endocrine disrupting properties: Not relevant.

#### 12.7. Other adverse effects

Additional information: Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods: Non-hazardous waste. Remove to an authorized waste treatment plant.

Additional information: The stated LoW code is indicative and must be considered in relation to the actual condition of the chemical. The final code must be determined by the user, based on the actual use of the chemical.

European List of Waste (LoW) code: 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

### SECTION 14: Transport information

#### 14.1. UN number

Not regulated.

#### 14.2. UN proper shipping name

Not regulated.

#### 14.3. Transport hazard class(es)

Not regulated.

#### 14.4. Packing group

Not regulated.

#### 14.5. Environmental hazards

Not regulated.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations:	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No 1907/2006 on the registration, evaluation, authorization and restriction of chemicals (REACH Regulation), with later amendments. Regulation (EU) No 1357/2014 on waste and repealing certain Directives
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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

### Abbreviations and acronyms:

EC <sub>0</sub>	Effect data (Immobilisation)
EC <sub>50</sub>	The effective concentration of substance that causes 50% of the maximum response.
LC <sub>50</sub>	Median lethal concentration.
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
Data sources:	Safety Data Sheet from the supplier/manufacturer.
Prepared by:	SDS-Chemie, Bente Frogner

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*