

# SAFETY DATA SHEET

## DrySand



Version: 3.0/EN

Date: 22 December 2022

### 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product name: DrySand 2,0-5,0 mm; 1,0-2,0 mm, 0,50-1,25 mm, 0,35-0,71 mm, 0,25-0,50 mm, 0,18-0,35 mm, 0,125-0,250 mm, coarse filler; mixtures of fillers including fine mixtures with fine filler.

REACH Registration number: Exempted in accordance with REACH Annex V  
UFI code: Not relevant

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

Identified use: Construction and civil engineering  
Uses advised against: There are no uses advised against.

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

Name: NCC Industry A/S,  
Address: Stamholmen 225  
2650 Avedoere  
Phone N°: +45 36780500  
E-mail: eil@NCC.dk

#### 1.4 Emergency telephone number

European Emergency N°: Call 112 in case of accidents  
Poison Center Bispebjerg Hospital +45 35 31 60 60

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not classified. The product does not meet the criteria for hazardous substances according to EU regulation 1272/2008

#### 2.2 Label elements

No labelling requirements according to Regulation (EC) 1272/2008

#### 2.3 Other hazards

Handling, and use may generate airborne dust irritation to eyes and the respiratory system.

The substance does not meet the criteria for PBT or vPvB substance.

The product does not contain any substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Name	CAS	EC number	Concentration	Classification
Dry sand	14808-60-7	238-878-4	>99%	Not classified

Does not contain respirable dust.

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

Following inhalation: Immediately bring injured person to fresh air. Dust in the respiratory tract disappears by cough and nasal cleansing. Contact a physician if symptoms do not disappear in a short period of time.

Following skin contact	Remove contaminated clothing and flush skin with plenty of water. Seek medical attention if discomfort continues.
Following eye contact	Rinse the eye with plenty of water for at least 15 minutes. Remember to remove contact lenses. Seek medical attention if discomfort continues.
Following ingestion	Clean the mouth with water and drink plenty of water. If symptoms persist, seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed**

The acute symptoms would pain in the eyes because of dust entry. No delayed effects are anticipated.

**4.3 Indication of any immediate medical attention and special treatment needed**

No need for immediate medical attention; follow the advises given in section 4.1

**5. FIRE FIGHTING MEASURES**

**5.1 Extinguishing media** The product is not combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**5.2 Special hazards arising from the substance or mixture**

The material is not flammable, and it does not support fire. No hazardous thermal decomposition products.

**5.3 Advice for fire fighters**

Avoid generation of dust. Use breathing apparatus. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Keep dust levels to a minimum. Wear suitable protective equipment by risk of dust inhalation.

**6.2 Environmental precautions**

Do not discharge to sewage or surface water.

**6.3 Methods and material for containment and cleaning up**

Avoid dust formation; avoid dry sweeping. Use vacuum suction unit, or shovel into bags.

**6.4 Reference to other sections**

For more information on exposure controls/personal protection or disposal considerations, please check sections 8 and 13 of this safety data sheet.

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Provide adequate ventilation. Minimize dust generation. See section 8 for more information. In case of inadequate ventilation use respiratory protection. Eyewash equipment should be available at the workplace.

**7.2 Conditions for safe storage, including any incompatibilities**

Minimise airborne dust generation and prevent wind dispersal during loading and unloading.

**7.3 Specific end use**

See section 1

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>8.1 Control parameters</b>	Occupational Exposure Limits	
	Mineral dust Inert not respirable	8h value 10 mg /m <sup>3</sup> Short term value 20 mg /m <sup>3</sup>
	Mineral dust Inert respirable	8h value 5 mg /m <sup>3</sup> Short term value 10 mg /m <sup>3</sup>
	Quarts dust not respirable	8h value 0,3 mg/m <sup>3</sup> Short term value 0,6 mg /m <sup>3</sup>
	Quarts dust respirable	8h value 0,1 mg/m <sup>3</sup> (C) Short term value 0,2 mg /m <sup>3</sup>
	(C): suspected carcinogen	
	Occupational Exposure Limit Values as stated in the Danish Working Environment Authority's Order nr. 1054 of 28. June 2022,	

### 8.2 Exposure controls

#### *Appropriate engineering controls*

Minimize dust formation. If the application causes dust formation above the limit value, use local ventilation or personal protective equipment as specified below. When used in closed systems personal protective equipment is not normally required.

#### *Individual protection measures, such as personal protective equipment*

Eye/face protection:	Do not wear contact lenses. For powders, tight fitting goggles with side shields, or wide vision full goggles. It is also advisable to have individual pocket eyewash.
Skin & hands protection:	Wear suitable work clothes. In case of sensitization or sensitive skin wear suitable protective gloves or hand protection cream. Wash hands at the end of work.
Respiratory protection:	In case of dust formation, which exceeding TLW, local exhaust ventilation must be established. If this is not possible, use full or half mask with P2 or P3 filters.
Environmental exposure controls	Avoid spreading with wind.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state:	Coarse grained material
Colour:	Light gray
Odour:	odourless
Odour threshold:	not applicable
Melting point:	1710 °C
Boiling point:	2230 °C
Flammability:	non flammable
Explosive limits:	non explosive
Flash point:	not applicable
Auto ignition temperature:	not applicable
Decomposition temperature:	not applicable
pH:	ca. 7 (100 g/l in water suspension)
Viscosity:	not applicable

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Solubility in water:	insoluble
Partition coefficient:	not applicable (inorganic substance)
Vapour pressure:	not applicable
Relative density:	2.65 g/cm <sup>3</sup>
Vapour density:	not applicable
Particle characteristics	Grain Size > 0,005 mm
Evaporation rate:	not applicable
Oxidising properties:	no oxidising properties

**9.2 Other information** None special

### 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Inert, not reactive.
<b>10.2 Chemical stability</b>	The product is chemically stable
<b>10.3 Possibility of hazardous reactions</b>	No hazardous reaction
<b>10.4 Conditions to avoid</b>	None special
<b>10.5 Incompatible materials</b>	None special
<b>10.6 Hazardous decomposition products</b>	None.

### 11. TOXICOLOGICAL INFORMATION

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

Acute toxicity oral:	Ingestion of larger amounts may cause discomfort. The product is not classified. Based on available data, the classification criteria are not considered to be met.
Acute toxicity demal:	The product is not classified. Based on available data, the classification criteria are not considered to be met.
Acute toxicity inhalation:	The product is not classified. Based on available data, the classification criteria are not considered to be met.
Skin corrosion/irritation:	Dust may dry out affected skin. The product is not classified. Based on available data, the classification criteria are not considered to be met
Serious eye damage/irritation:	The product is not classified. Based on available data, the classification criteria are not considered to be met.
Respiratory or skin sensitisation:	The product is not classified. Based on available data, the classification criteria are not considered to be met.
Germ cell mutagenicity:	The product is not classified. Based on available data, the classification criteria are not considered to be met.
Mammalian chromosome aberration test:	The product is not classified. Based on available data, the classification criteria are not considered to be met.

Carcinogenicity:	The product is not classified. Based on available data, the classification criteria are not considered to be met.
Reproductive toxicity:	The product is not classified. Based on available data, the classification criteria are not considered to be met.
STOT-single exposure:	The product is not classified. Based on available data, the classification criteria are not considered to be met.
STOT-repeated exposure:	Depending on the product's further handling and application, respirable dust can be formed which contains crystalline silica. Prolonged or repeated inhalation of respirable dust may cause lung disease, sickle lick disease. The product is not classified. Based on available data, the classification criteria are not considered to be met.
Aspiration hazard:	No aspiration hazard.

**11.2 Information on other hazards**

The product does not contain any substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity** Sand do not affect the environment.

**12.2. Persistence and degradability**  
Not relevant for inorganic substances

**12.3 Bioaccumulative potential** Not relevant for inorganic substances

**12.4 Mobility in soil:** Not relevant for inorganic substances

**12.5 Results of PBT and vPvB assessment**  
Not relevant for inorganic substances

**12.6 Endocrine disrupting properties**  
The product does not contain any substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

**12.7 Other adverse effects:** No other adverse effects are identified.

**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods** The residues/unused product can be disposed in landfills following national and local regulations. Dispose in such a way to avoid dust generation. Where possible, recycling should be preferred to disposal.  
Packaging: No special requirements. Dust formation from remaining product in the packaging material should be avoided.

**14. TRANSPORT INFORMATION**

The material is not classified as a dangerous substance and no restrictions apply for land/sea/air transportation.

**14.1 UN-Number** Not relevant

**14.2 UN proper shipping name**

Not relevant

**14.3 Transport hazard class(es)**

Not relevant

**14.4 Packing group**

Not relevant

**14.5 Environmental hazards:**

Not relevant

**14.6 Special precautions for user**

Not relevant.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not regulated.

**15. REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance**

Restrictions on use: None

**15.2 Chemical safety assessment**

Not required

**16. OTHER INFORMATION**

**Revision:**

Third version 22. December 2022. The SDS is compiled in accordance with the requirements in EU regulation 2020/878.

**Abbreviations**

PBT: persistent, bioaccumulative, toxic chemical

vPvB: very persistent, very bioaccumulative chemical

CLP: CLP regulation (1272/2008) Classification, Labelling and Packaging.

**Other relevant information:**

**Training:**

Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

**Disclaimer:**

This safety data sheet (SDS) is based on the legal provisions of the REACH Regulation (EC 1907/2006; article 31 and Annex II), as amended. Its contents are intended as a guide to the appropriate precautionary handling of the material. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way meet the product. Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for applications, and does not establish a legally valid contractual relationship. This version of the SDS supersedes all previous versions.