

**SAFETY DATA SHEET**

Prepared by NIRAS A/S

Date of issue: 21<sup>th</sup> March 2018

Revision date: -

Version: 1

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier:**

Trade name:

**DANSAND® JOINT FILLING SAND – NATURAL AND DARK**

Article number:

600313.

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

Recommended uses:

Jointing sand for tiles and paving.

Uses advised against:

None.

**1.3. Details of the supplier of the safety data sheet:**

Dansand A/S, Lervejldal 8b, Addit, DK-8740 Brædstrup, Denmark,

Tel. 0045 86 82 58 11, Fax 0045 86 80 14 72, E-mail: [info@dansand.dk](mailto:info@dansand.dk)Contact person: Morten Grundvad, Tel. 0045 87 20 65 30, E-Mail: [mg@dansand.dk](mailto:mg@dansand.dk)**1.4. Emergency telephone number:**

0045 86 82 58 11 (available during office hours).

In case of a medical emergency following exposure to a chemical call NHS 111 - only available in certain areas of England (outside of these areas call NHS Direct on 0845 4647). The National Poisons Information Service emergency number is 0344 892 0111 (only available to health professionals).

**SECTION 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture:**

CLP- classification:

Not classified.

<b>2.2. Label elements:</b>		<b>Hazard pictograms Signal word</b>
<b>Contains:</b>	-	
<b>Hazard statements:</b>	-	
<b>Precautionary statements:</b>	-	
<b>Supplemental information:</b>	Safety data sheet available on request.	

**2.3. Other hazards:**

Dust may irritate eyes and airways.

May be slightly irritating to the skin.

This product does not contain any PBT or vPvB substances.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures:**

REACH reg.no.	CAS no. EC no.	Chemical name	%	CLP- classification	Note:
-	14808-60-7 238-878-4	Quartz, not respirable  The product contains no respirable dust (particle size less than 0,005 mm: 0 %) at delivery	> 92,5	None	13
01-2119448725 -31	1344-09-8 215-687-4	Sodium silicate	< 5	Skin Irrit. 2;H315 Eye Irrit. 2; H319 STOT SE 3;H335	-

13) Substance with national workplace exposure limit.

For full text of Hazard-statements: see section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

**Inhalation:** Seek fresh air. If necessary wash out mouth with water and blow nose thoroughly.

**Ingestion:** Rinse mouth with water. Seek medical attention if symptoms persist.

**Skin:** Wash skin with water and apply fat cream if necessary.

**Eyes:** Rinse immediately with water. Open eyes wide. Remove any contact lenses. Seek medical advice if irritation persists.

**Burns:** Not relevant.

**Other information:** When obtaining medical advice, show the safety data sheet or label.

**4.2. Most important symptoms and effects, both acute and delayed:** Dust may irritate eyes and airways.

**4.3. Indication of any immediate medical attention and special treatment needed:** No special immediate treatment required.

**SECTION 5: FIREFIGHTING MEASURES**

**5.1. Extinguishing media:**

Suitable extinguishing media: The product is not combustible.  
Use extinguishing media appropriate to surrounding fire conditions.

Unsuitable extinguishing media: None.

**5.2. Special hazards arising from the substance or mixture:** None known.

**5.3. Advice for firefighters:** Coordinate with fire in surroundings. If there is a risk of exposure to vapour and fumes, wear a full-face positive-pressure self-contained breathing apparatus and gloves resistant to chemicals.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- 6.1. Personal precautions, protective equipment and emergency procedures:** Use tight fitting goggles if dust is generated.  
In case of risk of inhalation of dust, use respiratory protective equipment.
- 6.2. Environmental precautions:** Do not discharge into drains or water courses.
- 6.3. Methods and material for containment and cleaning up:** Sweep up/collect spillage for possible reuse or transfer to suitable waste containers.  
Avoid dust generation. Dampen spillage with water if necessary.
- 6.4. Reference to other sections:** See section 8 for type of protective equipment.  
See section 13 for instructions on disposal.

**SECTION 7: HANDLING AND STORAGE**

- 7.1. Precautions for safe handling:** Avoid inhaling dust.  
Avoid dust generation.  
Avoid contact with eyes.  
See section 8 for information about precautions for use and personal protective equipment.  
Eye wash should be available.
- 7.2. Conditions for safe storage, including any incompatibilities:** Store in a dry place.
- 7.3. Specific end use(s):** Specific end use – see section 1.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters:**

**Occupational exposure limit value**

Chemical name	Workplace exposure limits (WELs)		Note
	Long-term exposure limit (8-hour TWA reference period)	Short-term exposure limit (15-minute reference period)	
Quartz sand, not respirable inhalable dust respirable dust	10 mg/m <sup>3</sup> 4 mg/m <sup>3</sup>  0.1 mg/m <sup>3</sup> (Quartz (crystalline silica), respirable)	- - -	- - -
Sodium silicate inhalable dust respirable dust	10 mg/m <sup>3</sup> 4 mg/m <sup>3</sup>	- -	- -
Legal basis:	EH40/2005 Workplace exposure limits (second edition, published 2011).		
Note:	None.		
Monitoring procedures:	Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.		

## 8.2. Exposure controls

### Appropriate engineering controls:

Provide adequate ventilation.

Personal protective equipment should be worn as indicated below.

Wash hands before breaks, eating, toilet visits and after work. Use mild soap and water and apply skin cream after washing.

### Personal protective equipment

#### Eye/face protection:

Wear tight fitting safety goggles if work is dusty.

#### Skin protection:

For prolonged or repeated skin contact the use of plastic or rubber gloves is advisable.

#### Respiratory protection:

Wear a half mask or full face mask with P2 or P3 filter if work is dusty.

#### Environmental exposure controls:

No special requirements.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance:</b>	Coarse-grained material, natural and dark	<b>Vapour pressure:</b>	Not applicable
<b>Odour:</b>	Odourless	<b>Vapour density:</b>	Not applicable
<b>Odour threshold:</b>	Not applicable	<b>Relative density:</b>	2,65 g/cm <sup>3</sup>
<b>pH:</b>	Approx. 11 (100 g/l water)	<b>Solubility(ies):</b>	Insoluble in water
<b>Melting point/freezing point:</b>	1710 °C	<b>Partition coefficient n-octanol/water:</b>	Not applicable
<b>Initial boiling point and boiling range:</b>	2230 °C	<b>Auto-ignition temperature:</b>	Not applicable
<b>Flash point:</b>	Not applicable	<b>Decomposition temperature:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable	<b>Viscosity:</b>	Not applicable
<b>Flammability (solid, gas):</b>	Not applicable	<b>Explosive properties:</b>	Non-explosive
<b>Upper/lower flammability or explosive limits:</b>	Not applicable	<b>Oxidising properties:</b>	Non-oxidizing

### 9.2. Other information

**Particle size:** > 0,005 mm

## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity:** Non-reactive.

**10.2. Chemical stability:** The product is stable when used in accordance with the supplier's instructions.

**10.3. Possibility of hazardous reactions:** No risk of hazardous reactions.

**10.4. Conditions to avoid:** None known.

**10.5. Incompatible materials:** Hydrogen fluoride (hydrofluoric acid).

**10.6. Hazardous decomposition products:** None known.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

<b>Acute toxicity - oral:</b>	Ingestion of large amounts may cause discomfort. The product does not have to be classified. Test data are not available.
<b>Acute toxicity - dermal:</b>	The product does not have to be classified. Test data are not available.
<b>Acute toxicity - inhalation:</b>	The product does not have to be classified. Test data are not available.
<b>Skin corrosion/irritation:</b>	Dust may have a slight drying/irritating effect on skin. The product does not have to be classified. Test data are not available.
<b>Serious eye damage/eye irritation:</b>	Dust in the eyes may cause irritation/mechanical irritation. The product does not have to be classified. Test data are not available.
<b>Respiratory sensitisation or skin sensitisation:</b>	The product does not have to be classified. Test data are not available.
<b>Germ cell mutagenicity:</b>	The product does not have to be classified. Test data are not available.
<b>Carcinogenic properties:</b>	The product does not have to be classified. Test data are not available.
<b>Reproductive toxicity:</b>	The product does not have to be classified. Test data are not available.
<b>Single STOT exposure:</b>	Inhalation of dust may cause irritation of the airways. The product does not have to be classified. Test data are not available.
<b>Repeated STOT exposure:</b>	The product contains no respirable silica dust at delivery. The product does not have to be classified. Test data are not available.
<b>Aspiration hazard:</b>	No hazard.
<b>Other toxicological effects:</b>	None known.

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**SECTION 12: ECOLOGICAL INFORMATION**

<b>12.1. Toxicity:</b>	The product does not have to be classified. Test data are not available.
<b>12.2. Persistence and degradability:</b>	The product is not biodegradable. Test data are not available.
<b>12.3. Bioaccumulative potential:</b>	Does not bioaccumulate.
<b>12.4. Mobility in soil:</b>	Negligible.
<b>12.5. Results of PBT and vPvB assessment:</b>	This product does not contain any PBT or vPvB substances.
<b>12.6. Other adverse effects:</b>	None.

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**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods:**

Dispose of waste and residues in accordance with local authority requirements.

Classification of the waste must be carried out in accordance with the EWC (European Waste Catalogue) code. The choice of EWC code depends on business and use.

**EWC-code:** 17 01 07 (Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06)

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**SECTION 14: TRANSPORT INFORMATION**

The product is not classified as dangerous goods.

**ADR/RID**

14.1. UN number	14.2. UN proper shipping name	14.3. Transport hazard class(es)	14.4. Packing group	14.5. Environmental hazards	Other information
-	-	-	-	-	-

**IMDG**

14.1. UN number	14.2. UN proper shipping name	14.3. Transport hazard class(es)	14.4. Packing group	14.5. Environmental hazards	Other information
-	-	-	-	-	-

**ADN**

14.1. UN number	14.2. UN proper shipping name	14.3. Transport hazard class(es)	14.4. Packing group	14.5. Environmental hazards	Other information
-	-	-	-	-	-

**IATA**

14.1. UN number	14.2. UN proper shipping name	14.3. Transport hazard class(es)	14.4. Packing group	14.5. Environmental hazards	Other information
-	-	-	-	-	-

**14.6. Special precautions for user:**                      None.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**                      Not relevant.

**SECTION 15: REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**                      EH40/2005 Workplace exposure limits (second edition, published 2011).

**15.2. Chemical safety assessment:**                      No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

<b>Changes:</b>	Issue 1: No changes.
<b>Abbreviations and acronyms:</b>	PBT: Persistent, Bioaccumulative and Toxic. vPvB: very Persistent and very Bioaccumulative. CLP: CLP-Regulation (EC) No 1272/2008 (Classification, Labelling and Packaging). Skin Irrit.: Skin irritation. Eye Irrit.: Eye irritation. STOT SE: Specific target organ toxicity — single exposure.
<b>Classification method:</b>	Calculation based on the hazards of the known components.
<b>H-statements:</b>	H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.
<b>Training advice:</b>	The user must be instructed in the proper work procedure and be familiar with the contents of this safety data sheet.
<b>Further information:</b>	The safety data sheet is prepared from information provided by the supplier about physical/chemical properties and all ingredients in the product.
<b>Person responsible for the Safety Data Sheet (e-mail):</b>	Susanne Brandt Hansen (sbha@niras.dk)

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