

Safety data sheet

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

1.1. Product identifier

Trade name: Dansand Polymeric Block Paving Fix

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

Recommended uses: Home and garden

Line of business: Construction industry
Retail

1.3. Details of the supplier of the safety data sheet

Supplier: Dansand A/S
Lervejdal 8B
8740 Brædstrup
Denmark
Tel: +45 86825811
Email: info@dansand.dk

1.4. Emergency telephone number

0870 600 6266 (UK only) Only available to health professionals.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD-classification: -

The product shall not be classified as hazardous according to the classification and labelling rules for substances and mixtures.

Most serious harmful effects:

May cause slight irritation to the skin and eyes. Inhalation of dust may cause irritation to the upper airways.

2.2. Label elements

Hazard designation: The product shall not be classified as hazardous according to the classification and labelling rules for substances and mixtures.

Other labelling: Safety data sheet available for professional users on request.

2.3. Other hazards

Assessment to determine PBT and vPvB has not been made.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Registration number	CAS/EC Number	Substance	DSD-classification/CLP-classification	w/w%	Note
.	14808-60-7	Quartz, not respirable	-	80-90	.

238-878-4	.	.	-	.	.
65997-15-1	Portland Cement	.	Xi; R37/38-41	< 5	.
266-043-4	.	.	Eye Dam. 1;H318 Skin Irrit. 2;H315	.	.
.	.	.	STOT SE 3;H335	.	.
67-56-1	Methanol	.	F;R11 T;R23/24/25-39/23/24/25	< 0,02	12
200-659-6	.	.	Flam. Liq. 2;H225 Acute Tox. 3;H331	.	.
.	.	.	Acute Tox. 3;H311 Acute Tox. 3;H301	.	.
.	.	.	STOT SE 1;H370	.	.

12) The substance is included in the EU list of limit values for occupational exposure

Please see section 16 for the full text of R-phrases and H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air, wash out mouth with water and blow nose thoroughly. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.
Skin:	Remove contaminated clothing. Wash the skin with water. Seek medical advice in case of persistent discomfort.
Eyes:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Other information:	When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes. Inhalation of dust may cause irritation to the upper airways.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.
Unsuitable extinguishing media	None known.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Wear gloves. In case of insufficient ventilation, wear respiratory protective equipment. Wear safety goggles if there is a risk of dust contact with eyes.
For emergency responders:	In addition to the above: No special requirements.

6.2. Environmental precautions

Do not discharge large quantities of concentrated spills and residue into drains.

6.3. Methods and material for containment and cleaning up

Sweep up/collect spills for possible reuse or transfer to suitable waste containers.

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

Use the product under well-ventilated conditions, preferably outdoors. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work. See item 8 for information about personal protection.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store in a dry area. Do not store with the following: Water/Zinc/Aluminium.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

Ingredient:	Exposure limit	Remarks
Portland Cement	Total inhalable dust: 10 (8h), - (15m) mg/m3	.
.	Respirable dust: 4 (8h), - (15m) mg/m3	.
Methanol	200 (8h), 250 (15m) ppm	Sk
.	266 (8h), 333 (15m) mg/m3	.

Legal basis: EH40/2005 Workplace exposure limits incl. supplement from October 2007.

Remarks: Sk: Can be absorbed through skin.

Measuring methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below. See also section 7.1.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of dust contact with eyes. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: In the event of direct skin contact, wear protective gloves. Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: Wear respiratory protective equipment with P2 filter when performing dusty work. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Solid substance
 Colour: Grey
 Odour: Odourless
 Odour threshold: No data
 pH (solution for use): No data
 pH (concentrate): No data
 Melting point/freezing point: No data
 Initial boiling point and boiling range: No data
 Flash point: No data
 Evaporation rate: No data
 Flammability (solid, gas): No data
 Upper/lower flammability limits: No data
 Upper/lower explosive limits: No data
 Vapour pressure: No data
 Vapour density: No data
 Relative density: Ca. 1,5
 Solubility: Insoluble in the following: Water.

Partition coefficient n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with water.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

No risk of hazardous reactions.

10.4. Conditions to avoid

Avoid contact with moisture and water.

10.5. Incompatible materials

Avoid contact with the following: Water/Zinc/Aluminium.

10.6. Hazardous decomposition products

None, if stored at the recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral:	The product does not have to be classified. Test data are not available.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	May irritate the skin – may cause reddening. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. 65997-15-1: Rabbit: Irritating (OECD 404)
Serious eye damage/eye irritation:	May cause eye irritation. The product does not have to be classified. Test data are not available.
Sensitisation:	The product does not have to be classified. Test data are not available.
Mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Toxicity in case of single exposure:	Inhalation of dust may cause irritation to the upper airways. The product does not have to be classified. Test data are not available.
Toxicity in case of repeated or prolonged exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	The product does not have to be classified. Test data are not available.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

The product does not have to be classified. Test data are not available.

12.2. Persistence and degradability

Contain at least one substance which reacts to water and forms a solid, insoluble reactant that is not biodegradable, according to available data.

67-56-1: Readily biodegradable.

65997-15-1: Not readily biodegradable.

14808-60-7: Not readily biodegradable.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available. Reacts with water. Hardens to a firm, non-mobile mass.

12.5. Results of PBT and vPvB assessment

No assessment has been made.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. Contact the local authorities.

SECTION 14: Transport information

ADR/RID

14.1. UN number -

14.2. UN proper shipping name -

14.3. Transport hazard class(es) -

14.4. Packing group -

Hazard identification number

Tunnel restriction code: -

14.5. Environmental hazards -

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 -

Environmental hazard in tank vessels: -

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 -
IMDG Code segregation group: -

ICAO/IATA

- 14.1. UN number -
14.2. UN proper shipping name -
14.3. Transport hazard class(es) -
14.4. Packing group -

14.6. Special precautions for user

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

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SECTION 15: Regulatory information

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

Special provisions: None.

15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Abbreviation explanations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative

R-phrases:

R11 Highly flammable.
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R37/38 Irritating to respiratory system and skin.
R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R41 Risk of serious damage to eyes.

H-phrases:

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H370 Causes damage to organs.

Training:

A thorough knowledge of this safety data sheet should be a prerequisite condition.