

Safety data sheet

Revision: 25-05-2011
Replaces: 08-09-2008
Version: 01.00/GBR

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

1.1. Product identifier

Trade name: Dansand®

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

Recommended uses: Joint filling sand for concrete blocks and other paving stones

1.3. Details of the supplier of the safety data sheet

Supplier: Dansand A/S
Lervejdal 8 B,
8740 Brædstrup Denmark
Denmark
Tel: +45 86 82 58 11
Fax: +45 86 80 14 72
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 national classification and labelling rules.

Most serious harmful effects:

May cause slight irritation to the skin and eyes.

2.2. Label elements

Hazard designation:

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

R-phrases:

-

S-phrases:

-

Other labelling:

None.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Registration number	CAS/EC Number	Substance:	DPD-classification/ CLP-classification	w/w%	Note
	14808-60-7	Kvartssand	Ingen	90 - 100	

13) The substance has a national exposure limit.

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.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.

Skin: Remove contaminated clothing. Wash skin with soap and water.

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.

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 Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media Do not use water stream, as it may spread the fire.

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

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear safety goggles if there is a risk of dust contact with eyes. In case of insufficient ventilation, wear respiratory protective equipment.

For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

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. Use water mist to bind dust.

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

The product should only be used outdoors.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry area.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

Ingredient:	Exposure limit	Remarks
Inhalable dust	- (8h), -(15m) ppm 10 (8h), - (15m) mg/m ³	-

Respirable dust	- (8h), -(15m) ppm 4 (8h), - (15m) mg/m3
-----------------	---

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

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: Synthetic or rubber gloves recommended. Breakthrough time has not been determined for the product. Change gloves often. 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: Powder

Colour: Beige / Grey

Odour: Odourless

Odour threshold: No data

pH (solution for use): No data

pH (concentrate): 11

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: No data

Solubility: No data

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

Not reactive.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Avoid contact with the following: Aluminium or Zinc

10.6. Hazardous decomposition products

None known.

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:	The product does not have to be classified. Test data are not available. May cause slight irritation.
Serious eye damage/eye irritation:	The product does not have to be classified. Test data are not available. May cause eye irritation.
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:	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

Test data are not available.

12.3. Bioaccumulative potential

The product is not bioaccumulable.

12.4. Mobility in soil

The product has low mobility in soil.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Contact the local authorities.
EWC code: Depends on line of business and use, for instance 16 03 04 inorganic wastes other than those mentioned in 16 03 03

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

-

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

-

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

Changes have been made in the following sections: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

R-phrases: No R-phrases.

H-phrases: No H-phrases.

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