



## SAFETY DATA SHEET KARNDEAN SKIMCOAT

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

#### 1.1. Product identifier

**Product name** KARNDEAN SKIMCOAT  
**Internal identification** KSC/10

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

**Identified uses** Cementitious flooring product.  
**Uses advised against** None

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

**Supplier** Karndean Designflooring  
 Crabapple Way  
 Vale Park  
 Evesham  
 Worcestershire  
 WR11 1GP  
 01386 820200  
 01386 761249

#### 1.4. Emergency telephone number

**Emergency telephone** Please contact supplier

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Eye Dam. 1 - H318 Skin Sens. 1 - H317  
**Environmental hazards** Not Classified

**Human health** Prolonged contact with moist or wet product may cause burns.

**Environmental** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

#### 2.2. Label elements

##### Hazard pictograms



**Signal word** Danger

**Hazard statements** H318 Causes serious eye damage.  
 H317 May cause an allergic skin reaction.

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<b>Precautionary statements</b>	<p>P262 Do not get in eyes, on skin, or on clothing.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P313 Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** CEMENT

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>CEMENT</b>	<b>1-5%</b>
CAS number: 65997-15-1	EC number: 266-043-4
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335	

The full text for all hazard statements is displayed in Section 16.

**Composition comments** A blend of cement, inert filler, polymer and additives.

#### SECTION 4: First aid measures

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

<b>General information</b>	Remove affected person from source of contamination.
<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye damage.

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

**Notes for the doctor** Treat symptomatically.

#### SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

**Suitable extinguishing media** The product is non-combustible.

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

**Specific hazards** Dust may form explosive mixture with air.

**Hazardous combustion products** Does not decompose when used and stored as recommended.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Wear chemical protective suit.

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid inhalation of dust. Avoid contact with skin and eyes.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Avoid generation and spreading of dust. Remove spillage with vacuum cleaner or collect with a shovel and broom, or similar.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid handling which leads to dust formation. Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product.

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

**Storage precautions** Keep separate from food, feedstuffs, fertilisers and other sensitive material.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### **CALCIUM CARBONATE**

Long-term exposure limit (8-hour TWA): WEL 10 total dust; 4 respirable dust mg/m<sup>3</sup>

#### **CEMENT**

Long-term exposure limit (8-hour TWA): WEL 10 total dust ; 4 respirable dust mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

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**Ingredient comments** The product may contain a low level of respirable crystalline silica (WEL 0.1 mg/m<sup>3</sup>; 8 hours TWA).

### LITHIUM CARBONATE (CAS: 554-13-2)

<b>DNEL</b>	- Inhalation; Long term systemic effects: 10 mg/m <sup>3</sup> - Dermal; Long term systemic effects: 64 mg/kg/day
<b>PNEC</b>	- Fresh water, Intermittent release; 0.9 mg/l - STP; 122 mg/l

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Personal protective equipment for eye and face protection should comply with European Standard EN166. Dust-resistant, chemical splash goggles.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

#### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

#### Hygiene measures

Provide eyewash station. Promptly remove any clothing that becomes wet or contaminated. Wash promptly if skin becomes contaminated.

#### Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. A half mask dust respirator approved to EN 149 : 2001 FFP2 is recommended.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Dusty powder.
<b>Colour</b>	Grey.
<b>Odour</b>	Slight.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): High alkaline pH when mixed with water.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Evaporation factor</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not determined.



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**Materials to avoid**                      None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products**      No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects**                      No information available.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)**                              No specific test data are available.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)**                              No specific test data are available.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)**                              No specific test data are available.

#### Skin corrosion/irritation

**Skin corrosion/irritation**                      No information available.

#### Animal data

No specific test data are available.

#### Human skin model test

No specific test data are available.

#### Extreme pH

No specific test data are available.

#### Serious eye damage/irritation

**Serious eye damage/irritation**                      No specific test data are available.

#### Respiratory sensitisation

**Respiratory sensitisation**                      No specific test data are available.

#### Skin sensitisation

**Skin sensitisation**                              No specific test data are available.

#### Germ cell mutagenicity

**Genotoxicity - in vitro**                              Does not contain any substances known to be mutagenic.

**Genotoxicity - in vivo**                              Does not contain any substances known to be mutagenic.

#### Carcinogenicity

**Carcinogenicity**                                  Does not contain any substances known to be carcinogenic.

#### IARC carcinogenicity

Not listed.

#### Reproductive toxicity

**Reproductive toxicity - fertility**                      Does not contain any substances known to be toxic to reproduction.

**Reproductive toxicity - development**                      Does not contain any substances known to be toxic to reproduction.

#### Specific target organ toxicity - single exposure

**STOT - single exposure**                      Not classified as a specific target organ toxicant after a single exposure.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure**                      Not classified as a specific target organ toxicant after repeated exposure.

#### Aspiration hazard

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<b>Aspiration hazard</b>	Not relevant.
<b>General information</b>	No specific health hazards known.
<b>Inhalation</b>	Dust in high concentrations may irritate the respiratory system. The product may contain a small percentage of respirable crystalline silica. Prolonged exposure to dust may result in long term irreversible effects
<b>Ingestion</b>	No harmful effects expected from quantities likely to be ingested by accident.
<b>Skin contact</b>	Prolonged or repeated contact with the powder or mixtures with water may cause burns and/or irritant contact dermatitis May cause sensitisation by skin contact.
<b>Eye contact</b>	Causes serious eye damage.
<b>Acute and chronic health hazards</b>	No specific health hazards known.
<b>Route of exposure</b>	Skin and/or eye contact
<b>Medical symptoms</b>	No specific symptoms noted.
<b>Medical considerations</b>	No information available.

### SECTION 12: Ecological information

<b>Ecotoxicity</b>	The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.
<b><u>12.1. Toxicity</u></b>	
<b>Toxicity</b>	Not considered toxic to fish.
<b><u>Acute aquatic toxicity</u></b>	
<b>Acute toxicity - fish</b>	No specific test data are available.
<b>Acute toxicity - aquatic invertebrates</b>	Not determined.
<b>Acute toxicity - aquatic plants</b>	Not determined.
<b>Acute toxicity - microorganisms</b>	Not determined.
<b>Acute toxicity - terrestrial</b>	Not determined.
<b><u>Chronic aquatic toxicity</u></b>	
<b>Chronic toxicity - fish early life stage</b>	Not determined.
<b>Short term toxicity - embryo and sac fry stages</b>	Not determined.
<b>Chronic toxicity - aquatic invertebrates</b>	Not determined.
<b><u>12.2. Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	There are no data on the degradability of this product.
<b>Phototransformation</b>	Not determined.
<b>Stability (hydrolysis)</b>	Not determined.

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<b>Biodegradation</b>	Not determined.
<b>Biological oxygen demand</b>	No specific test data are available.
<b>Chemical oxygen demand</b>	No specific test data are available.

### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Partition coefficient</b>	Not applicable.

### 12.4. Mobility in soil

<b>Mobility</b>	The product is non-volatile.
<b>Adsorption/desorption coefficient</b>	Not determined.
<b>Henry's law constant</b>	Not determined.
<b>Surface tension</b>	Not determined.

### 12.5. Results of PBT and vPvB assessment

<b>Results of PBT and vPvB assessment</b>	This substance is not classified as PBT or vPvB according to current EU criteria.
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### 12.6. Other adverse effects

<b>Other adverse effects</b>	None known.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Disposal methods</b>	The generation of waste should be minimised or avoided wherever possible. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste product or used containers in accordance with local regulations
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## SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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### 14.1. UN number

<b>UN No. (ADR/RID)</b>	0
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### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

#### **Transport labels**

No transport warning sign required.

### 14.4. Packing group

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### 14.6. Special precautions for user

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

## SECTION 15: Regulatory information



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

<b>National regulations</b>	Control of Substances Hazardous to Health Regulations 2002 (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.
<b>Authorisations (Annex XIV Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Annex XVII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>General information</b>	Technical Data Sheet
<b>Key literature references and sources for data</b>	Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.
<b>Revision comments</b>	SDS Updated
<b>Revision date</b>	09/10/2019
<b>Revision</b>	10
<b>Supersedes date</b>	04/04/2016
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.