# SikaGrout<sup>®</sup>-214-11 TH

Revision Date: 2019/04/04

Version 5.0

SDS Number: 000000608564

## **1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	: SikaGrout <sup>®</sup> -214-11 TH
Product code	: 00000608564
Type of product	: powder
Recommended use of the cl Product use	emical and restrictions on use : Grouting mortar
Manufacturer or supplier's d	etails
Company Telephone	<ul> <li>Sika (Thailand) Limited 700/37 Moo. 5 Amata Nakorn Estate Bangna-Trad Km.57 Tambol Klong Tamhru Muang District Chonburi 20000 Thailand</li> <li>+66 3810 9500</li> <li>+66 2001 4070 25</li> </ul>
Emergency telephone num- ber	: +66 3821 4270-85
Telefax E-mail address	: +66 3821 4286 : Sikathai@th.sika.com

## 2. HAZARDS IDENTIFICATION

GHS Classification	_	
Skin corrosion/irritation	:	Category 2
Serious eye damage/eye irri- tation	:	Category 1
Specific target organ toxicity - single exposure	:	Category 3 (Respiratory system)
GHS label elements		
Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation.
Precautionary statements	:	<b>Prevention:</b> P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area.

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	<ul> <li>P280 Wear protective gloves/ eye protection</li> <li>Response:</li> <li>P302 + P352 IF ON SKIN: Wash with plere</li> <li>P304 + P340 + P312 IF INHALED: Remove and keep at rest in a position comfortable</li> <li>POISON CENTER or doctor/ physician if y</li> <li>P305 + P351 + P338 + P310 IF IN EYES:</li> <li>water for several minutes. Remove contact and easy to do. Continue rinsing. Immediat CENTER or doctor/ physician.</li> <li>P332 + P313 If skin irritation occurs: Get ration.</li> <li>P362 Take off contaminated clothing and Storage:</li> <li>P403 + P233 Store in a well-ventilated plattightly closed.</li> <li>P405 Store locked up.</li> <li>Disposal:</li> <li>P501 Dispose of contents/ container to an disposal plant.</li> </ul>	nty of soap and water. ve victim to fresh air for breathing. Call a you feel unwell. Rinse cautiously with the lenses, if present ately call a POISON medical advice/ atten- wash before reuse. ace. Keep container

#### Other hazards which do not result in classification

None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

Chemical name	CAS-No.	Concentration (%)
Quartz (SiO2)	14808-60-7	>= 50 - < 70
Cement (chromium reduced)	65997-15-1	>= 30 - < 50
Fumes, silica	69012-64-2	>= 1 - < 10
calcium oxide	1305-78-8	>= 1 - < 3

### **4. FIRST AID MEASURES**

General advice	: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	<ul> <li>Take off contaminated clothing and shoes immediately.</li> <li>Wash off with soap and plenty of water.</li> <li>If symptoms persist, call a physician.</li> </ul>
In case of eye contact	<ul> <li>Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness.</li> <li>In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</li> <li>Continue rinsing eyes during transport to hospital.</li> <li>Remove contact lenses.</li> </ul>

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	Keep eye wide open while rinsing.	
If swallowed	: Clean mouth with water and drink after Do not give milk or alcoholic beverag Never give anything by mouth to an u Obtain medical attention.	es.
Most important symptoms and effects, both acute and delayed	<ul> <li>irritant effects         Cough         Respiratory disorder         Excessive lachrymation         Dermatitis         See Section 11 for more detailed info         and symptoms.         Causes skin irritation.         Causes serious eye damage.         May cause respiratory irritation.</li> </ul>	ormation on health effects
Notes to physician	: Treat symptomatically.	

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### 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.
Hazardous combustion prod- ucts	: No hazardous combustion products are known
Specific extinguishing meth- ods	: Standard procedure for chemical fires.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	: Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.	
Environmental precautions	: Try to prevent the material from entering drains or water courses.	٢
Methods and materials for containment and cleaning up	: Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.	

## 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	: Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.	
Advice on safe handling	: Do not breathe vapours/dust.	

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	Avoid exceeding the given occupation section 8). Do not get in eyes, on skin, or on clot For personal protection see section 8 Smoking, eating and drinking should plication area. Follow standard hygiene measures w products	thing. 3. be prohibited in the ap-
Conditions for safe storage	: Store in original container. Keep in a well-ventilated place. Observe label precautions. Store in accordance with local regula	tions.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

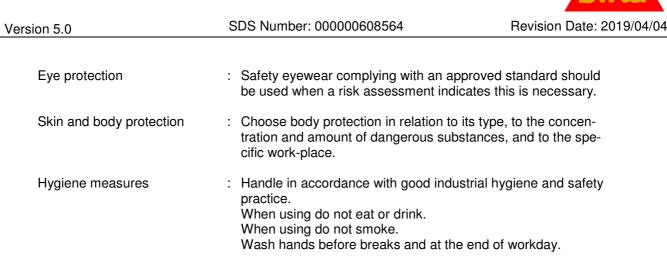
Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Quartz (SiO2)	14808-60-7	TWA (Res- pirable dust)	0.025 mg/m3	TH OEL
		TWA (Res- pirable frac- tion)	0.025 mg/m3	ACGIH
		TWA (Res- pirable frac- tion)	0.025 mg/m3 (Silica)	ACGIH
		TWA (Res- pirable frac- tion)	0.025 mg/m3	ACGIH
		TWA (Res- pirable frac- tion)	0.025 mg/m3 (Silica)	ACGIH
Cement (chromium reduced)	65997-15-1	TWA (Res- pirable frac- tion)	1 mg/m3	ACGIH
calcium oxide	1305-78-8	TWA	5 mg/m3	TH OEL
		TWA	2 mg/m3	ACGIH

### Components with workplace control parameters

### Personal protective equipment

Respiratory protection	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the max- imum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when han- dling the product. If this concentration is exceeded, self- contained breathing apparatus must be used.
Hand protection	Chemical-resistant, impervious gloves complying with an ap- proved standard should be worn at all times when handling chemical products if a risk assessment indicates this is nec- essary.

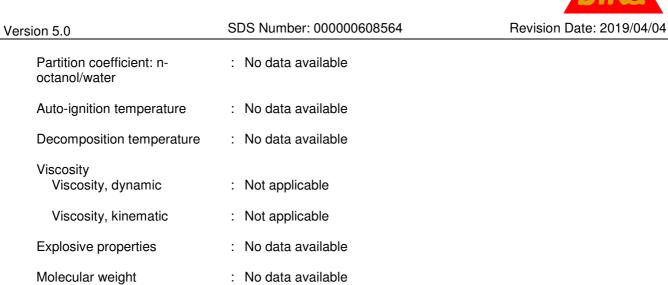
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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: powder
Colour	: grey
Odour	: odourless
Odour Threshold	: No data available
рН	: Not applicable
Melting point/range / Freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: Not applicable
Evaporation rate	: No data available
Flammability	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Density	: ca. 2.2 g/cm3 (25 °C (77 °F) ())
Bulk density	: ca. 1,470 kg/m3
Solubility(ies) Water solubility	: No data available
Solubility in other solvents	: No data available

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## 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.	
Chemical stability	: The product is chemically stable.	
Possibility of hazardous reac- tions	: Stable under recommended storage conditions.	
Conditions to avoid	: No data available	
Incompatible materials	: No data available	
No decomposition if stored and applied as directed.		

## **11. TOXICOLOGICAL INFORMATION**

Acute toxicity

No data available

Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information.

## Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### **Reproductive toxicity**

Not classified based on available information.

#### STOT - single exposure

May cause respiratory irritation.

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STOT - repeated exposure Not classified based on available information.

## Aspiration toxicity

Not classified based on available information.

### **12. ECOLOGICAL INFORMATION**

**Ecotoxicity** 

No data available

#### Persistence and degradability

No data available

#### **Bioaccumulative potential**

No data available

## Mobility in soil

No data available

#### Other adverse effects

#### Product:

mation

Additional ecological infor- : There is no data available for this product.

## **13. DISPOSAL CONSIDERATIONS**

#### **Disposal methods**

Waste from residues	: Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Send to a licensed waste management company.
Contaminated packaging	: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

## **14. TRANSPORT INFORMATION**

#### **International Regulations**

#### UNRTDG

Not regulated as a dangerous good

#### **IATA-DGR**

Not regulated as a dangerous good

#### **IMDG-Code**

Not regulated as a dangerous good

## Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

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### **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mix-<br/>tureInternational Chemical Weapons Convention (CWC)<br/>Schedules of Toxic Chemicals and Precursors: Not applicableHazardous Substance Act B.E. 2535: Not applicableEmergency Decree on Controlling the Use of Volatile<br/>Substances B.E. 2533: Not applicable

#### **16. OTHER INFORMATION**

Date format : yyyy/mm/dd

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.