## Sikafloor<sup>®</sup> Marine Litosilo N



Version 2.0

## SDS Number: 00000605132

Product name	<sup>:</sup> Sikafloor <sup>®</sup> Marine Litosilo N				
Product code	: 00000605132				
Type of product	: powder				
Recommended use of the ch Product use	emical and restrictions on use : Cement / Mortar				
Manufacturer or supplier's details					
Company	: Sika (Thailand) Limited 700/37 Moo. 5 Amata Nakorn Estate Bangna-Trad Km.57 Tambol Klong Tamhru Muang District Chonburi 20000 Thailand				
Telephone	: +66 3810 9500				
Emergency telephone num- ber	: +66 3821 4270-85				
Telefax	: +66 3821 4286				
E-mail address	: Sikathai@th.sika.com				

## 2. HAZARDS IDENTIFICATION

## **GHS Classification**

	issincation		
Skin corr	rosion/irritation	:	Category 2
Serious e tation	eye damage/eye irri-	:	Category 1
Skin sen	sitisation	:	Category 1
Specific single ex	target organ toxicity - posure	:	Category 3 (Respiratory system)
GHS lab	el elements		
Hazard p	bictograms	:	
Signal w	ord	:	Danger
Hazard s	statements	:	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation.
Dueseut		_	Descentions

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	<ul> <li>P261 Avoid breathing dust/ fume/ gas/ r P264 Wash skin thoroughly after handlin P271 Use only outdoors or in a well-ven P272 Contaminated work clothing shoul the workplace.</li> <li>P280 Wear protective gloves/ eye protective <b>Response:</b></li> <li>P302 + P352 IF ON SKIN: Wash with pl P304 + P340 + P312 IF INHALED: Rem and keep at rest in a position comfortabl POISON CENTER or doctor/ physician i P305 + P351 + P338 + P310 IF IN EYEs water for several minutes. Remove cont and easy to do. Continue rinsing. Immed CENTER or doctor/ physician.</li> <li>P333 + P313 If skin irritation or rash occ vice/ attention.</li> <li>P362 Take off contaminated clothing an <b>Storage:</b></li> <li>P403 + P233 Store in a well-ventilated p tightly closed.</li> <li>P405 Store locked up.</li> <li><b>Disposal:</b></li> <li>P501 Dispose of contents/ container to a disposal plant.</li> </ul>	ng. tillated area. d not be allowed out of ction/ face protection. enty of soap and water. hove victim to fresh air le for breathing. Call a if you feel unwell. S: Rinse cautiously with act lenses, if present diately call a POISON curs: Get medical ad- d wash before reuse. blace. Keep container

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

None known.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

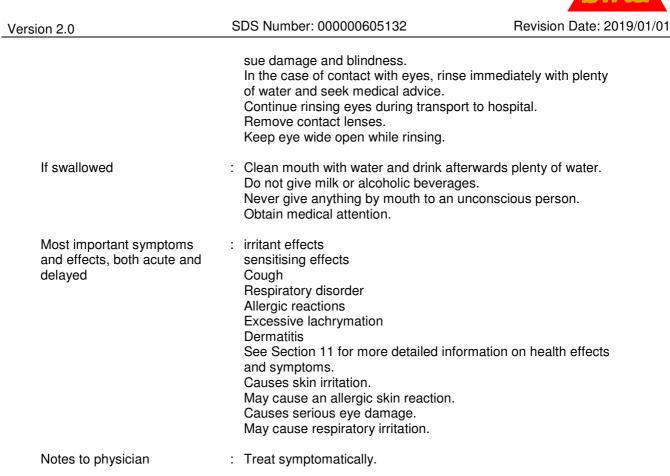
## Hazardous components

Chemical name	CAS-No.	Concentration (%)
Quartz (SiO2)	14808-60-7	>= 30 - < 50
Cement (chromium reduced)	65997-15-1	>= 20 - < 30
Cement, portland, chemicals	65997-15-1	>= 10 - < 20
calcium sulfate	7778-18-9	>= 1 - < 10

## 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	: Small amounts splashed into eyes can cause irreversible tis-

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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	:	Do not flush into surface water or sanitary sewer system.
Methods and materials for containment and cleaning up	:	Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

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#### 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. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asth- ma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the ap- plication area. Follow standard hygiene measures when handling chemical products
Conditions for safe storage	:	Store in original container. Keep in a well-ventilated place. Observe label precautions. Store in accordance with local regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

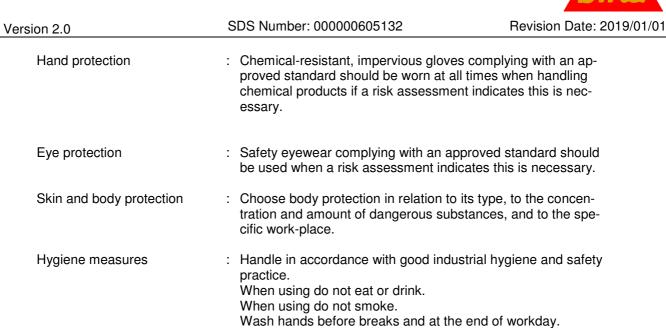
Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	
Quartz (SiO2)	14808-60-7	TWA (Res- pirable frac- tion)	0.025 mg/m3 (Silica)	ACGIH
Cement (chromium reduced)	65997-15-1	TWA (Res-	1 ma/m2	ACGIH
Cement (chromium reduced)	60997-10-1	pirable frac-	1 mg/m3	ACGIN
		tion)		
Cement, portland, chemicals	65997-15-1	TWA (Res- pirable frac- tion)	1 mg/m3	ACGIH
calcium sulfate	7778-18-9	TWA (Inhal- able fraction)	10 mg/m3 (Calcium)	ACGIH
		TWA (Inhal- able fraction)	10 mg/m3 (Calcium)	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 maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	powder
Colour	:	grey
Odour	:	characteristic
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. 1 g/cm3 (20 °C (68 °F) ())
Solubility(ies) Water solubility	:	insoluble

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Partition coefficient: n- octanol/water	: No data available	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Viscosity Viscosity, dynamic	: No data available	
Viscosity, kinematic	: Not applicable	
Explosive properties	: No data available	
Molecular weight	: No data available	

### **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	: No hazards to be specially mentioned.	
Conditions to avoid	: No data available	
Incompatible materials	: No data available	
No decomposition if stored and explication directed		

No decomposition if stored and applied as directed.

## **11. TOXICOLOGICAL INFORMATION**

#### Acute toxicity

Not classified based on available information.

### Components:

#### calcium sulfate: Acute oral toxicity

: LD50 Oral (Rat): > 5,000 mg/kg

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction. Respiratory sensitisation: Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

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#### **Reproductive toxicity**

Not classified based on available information.

#### STOT - single exposure

May cause respiratory irritation.

#### 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
<b>Product:</b> Additional ecological infor- : There is no data available for this product. mation

### **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

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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.

### **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislature	tion specific for the substance or mix-
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	: Not applicable
Hazardous Substance Act B.E. 2535	: sodium hydroxide
Emergency Decree on Controlling the Use of Volatile 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.