

# SAFETY DATA SHEET

## SikaCeram®-268 SAC 28



Version  
2.0

Revision Date:  
28.10.2024

SDS Number:  
100000034475

Date of last issue: 09.12.2022  
Date of first issue: 03.10.2020

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier** : SikaCeram®-268 SAC 28

**Manufacturer or supplier's details**

Company : **Sika (Singapore) Pte Ltd.**

28 Tuas South Ave 8  
637648 Singapore

Telephone : +65 6861 0632

**Emergency telephone number** : +65 6861 0632

E-mail address : -

Telefax : +65 6862 3915

### 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 1

Skin sensitisation : Category 1

Specific target organ toxicity - single exposure : Category 3 (Respiratory system)

**GHS Label elements, including precautionary statements**

Hazard pictograms :

Signal word : Danger

Hazard statements : H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

Precautionary statements : **Prevention:**  
P261 Avoid breathing dust.

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P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/ eye protection/ face protection.

### Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.  
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

### Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards which do not result in classification

None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Quartz (SiO <sub>2</sub> )	14808-60-7	>= 50 -< 70
Cement, portland, chemicals	65997-15-1	>= 30 -< 50
Limestone	1317-65-3	>= 10 -< 20

## 4. FIRST AID MEASURES

### Description of necessary 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.

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## SikaCeram®-268 SAC 28



Version 2.0	Revision Date: 28.10.2024	SDS Number: 100000034475	Date of last issue: 09.12.2022 Date of first issue: 03.10.2020
----------------	------------------------------	-----------------------------	---

In case of skin contact : Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.

If swallowed : Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Obtain medical attention.

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

Risks : irritant effects  
sensitising effects  
Cough  
Respiratory disorder  
Allergic reactions  
Excessive lachrymation  
Dermatitis  
See Section 11 for more detailed information on health effects and symptoms.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
May cause respiratory irritation.

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

Treatment : Treat symptomatically.

## 5. FIREFIGHTING MEASURES

### Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Special hazards arising from the substance or mixture

Hazardous combustion products : No hazardous combustion products are known

### Special protective actions for fire-fighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

# SAFETY DATA SHEET

## SikaCeram®-268 SAC 28



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Version 2.0	Revision Date: 28.10.2024	SDS Number: 100000034475	Date of last issue: 09.12.2022 Date of first issue: 03.10.2020
----------------	------------------------------	-----------------------------	---

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for firefighters

Specific extinguishing methods : Standard procedure for chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.  
Avoid breathing dust.  
Deny access to unprotected persons.

### Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

### Methods and materials for containment and cleaning up

Methods for 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

### Precautions for safe handling

Advice on protection against fire and explosion : Avoid dust formation.  
Provide appropriate exhaust ventilation at places where dust is formed.

Advice on safe handling : 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 asthma, 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 application area.  
Follow standard hygiene measures when handling chemical products

Do not breathe vapours/dust.

Sika 03  
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

### Conditions for safe storage, including any incompatibilities

Conditions for safe storage : Store in original container.  
Keep in a well-ventilated place.  
Observe label precautions.  
Store in accordance with local regulations.

# SAFETY DATA SHEET

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Version  
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Revision Date:  
28.10.2024

SDS Number:  
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Further information on storage stability : Keep in a dry place.  
No decomposition if stored and applied as directed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Quartz (SiO <sub>2</sub> )	14808-60-7	PEL (long term) (Res- pirable dust)	0.1 mg/m <sup>3</sup>	SG OEL
		TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m <sup>3</sup>	ACGIH
		TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m <sup>3</sup> (Silica)	ACGIH
		TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m <sup>3</sup>	ACGIH
		TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m <sup>3</sup> (Silica)	ACGIH
Cement, portland, chemicals	65997-15-1	PEL (long term)	10 mg/m <sup>3</sup>	SG OEL
		TWA (Res- pirable par- ticulate mat- ter)	1 mg/m <sup>3</sup>	ACGIH
Limestone	1317-65-3	PEL (long term)	10 mg/m <sup>3</sup> (Calcium car- bonate)	SG OEL

#### Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Respiratory protection : Use respiratory protection unless adequate local exhaust

# SAFETY DATA SHEET

## SikaCeram®-268 SAC 28



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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.

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: powder
Colour	: grey
Odour	: No data available
Odour Threshold	: No data available
pH	: No data available
Melting point/ range / Freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: > 101 °C (214 °F) (Method: closed cup)
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Density	: Not applicable
Solubility(ies)	
Water solubility	: No data available
Solubility in other solvents	: No data available

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## SikaCeram®-268 SAC 28



Version 2.0	Revision Date: 28.10.2024	SDS Number: 100000034475	Date of last issue: 09.12.2022 Date of first issue: 03.10.2020
----------------	------------------------------	-----------------------------	---

Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	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 reactions	:	No hazards to be specially mentioned.
Conditions to avoid	:	No data available
Incompatible materials	:	No data available
Hazardous decomposition products	:	No hazardous decomposition products are known.

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## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Not classified due to lack of data.

### 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 due to lack of data.

# SAFETY DATA SHEET

## SikaCeram®-268 SAC 28



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### **Germ cell mutagenicity**

Not classified due to lack of data.

### **Carcinogenicity**

Not classified due to lack of data.

### **Reproductive toxicity**

Not classified due to lack of data.

### **STOT - single exposure**

May cause respiratory irritation.

### **STOT - repeated exposure**

Not classified due to lack of data.

### **Aspiration toxicity**

Not classified due to lack of data.

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## 12. ECOLOGICAL INFORMATION

### **Toxicity**

No data available

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

#### **Product:**

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

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## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Waste from residues : Send to a licensed waste management company.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.

Do not re-use empty containers.

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### 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

UN number	:	Not applicable
UN proper shipping name	:	Not applicable
Transport hazard class(es)	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
Environmentally hazardous	:	no

##### IATA-DGR

UN/ID No.	:	Not applicable
UN proper shipping name	:	Not applicable
Transport hazard class(es)	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
Packing instruction (cargo aircraft)	:	Not applicable
Packing instruction (passenger aircraft)	:	Not applicable

##### IMDG-Code

UN number	:	Not applicable
UN proper shipping name	:	Not applicable
Transport hazard class(es)	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
EmS Code	:	Not applicable
Marine pollutant	:	Not applicable

#### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

#### Special precautions for user

Not applicable

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### 15. REGULATORY INFORMATION

#### Safety, health and environmental regulations specific for the product in question

Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subjected to the SDS, labelling, PEL and other requirements in the Act/Regulations.

Environmental Protection and Management Act and Environmental Protection and Management (Hazardous Substances) Regulations : Not applicable

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2.0

Revision Date:  
28.10.2024

SDS Number:  
100000034475

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### 16. OTHER INFORMATION

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#### Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
SG OEL	: Singapore. Workplace Safety and Health (General Provisions) Regulations - First Schedule Permissible Exposure Limits of Toxic Substances.
ACGIH / TWA	: 8-hour, time-weighted average
SG OEL / PEL (long term)	: Permissible Exposure Level (PEL) Long Term
ADR	: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	: Chemical Abstracts Service
DNEL	: Derived no-effect level
EC50	: Half maximal effective concentration
GHS	: Globally Harmonized System
IATA	: International Air Transport Association
IMDG	: International Maritime Code for Dangerous Goods
LD50	: Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	: Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	: International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	: Occupational Exposure Limit
PBT	: Persistent, bioaccumulative and toxic
PNEC	: Predicted no effect concentration
REACH	: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC	: Substances of Very High Concern
vPvB	: Very persistent and very bioaccumulative

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.

SG / EN