## Sikacrete®-Gunite® 103

Version 2.0 SDS Number: 000000611664 Revision Date: 2018/06/20

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sikacrete®-Gunite® 103

Product code : 000000611664

Type of product : powder

### Recommended use of the chemical and restrictions on use

Product use : Spray application

### 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- : +66 3821 4270-85

ber

Telefax : +66 3821 4286 E-mail address : Sikathai@th.sika.com

### 2. HAZARDS IDENTIFICATION

### **GHS Classification**

Skin corrosion/irritation : Category 2

Serious eye damage/eye irri-

tation

: Category 1

### **GHS** label elements

Hazard pictograms



Signal word : Danger

Hazard statements : H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements : **Prevention:** 

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water. 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

# Sikacrete®-Gunite® 103



SDS Number: 000000611664 Revision Date: 2018/06/20 Version 2.0

CENTER or doctor/ physician.

P332 + P313 If skin irritation occurs: Get medical advice/ atten-

P362 Take off contaminated clothing and wash before reuse.

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

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

: Mixture Substance / Mixture

### **Hazardous components**

Chemical name	CAS-No.	Concentration (%)
Quartz (SiO2)	14808-60-7	>= 70 - < 90
Cement (chromium reduced)	65997-15-1	>= 10 - < 20
Fumes, silica	69012-64-2	>= 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 : 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 tis-

sue 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

Excessive lachrymation

**Dermatitis** 

: irritant effects

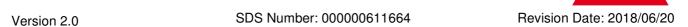
See Section 11 for more detailed information on health effects

and symptoms. Causes skin irritation.

Causes serious eye damage.

Notes to physician : Treat symptomatically.

# Sikacrete®-Gunite® 103



#### 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment.

Hazardous combustion prod-

: No hazardous combustion products are known

Specific extinguishing meth-

: Standard procedure for chemical fires.

Special protective equipment

for firefighters

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

#### 6. ACCIDENTAL RELEASE MEASURES

tive equipment and emer-

gency procedures

Personal precautions, protec- : Use personal protective equipment.

Avoid breathing dust.

Deny access to unprotected persons.

: Try to prevent the material from entering drains or water Environmental precautions

courses.

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 : 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.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Follow standard hygiene measures when handling chemical

products

Conditions for safe storage

: Keep container tightly closed in a dry and well-ventilated

place.

Store in accordance with local regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	

# Sikacrete®-Gunite® 103



Version 2.0 SDS Number: 000000611664 Revision Date: 2018/06/20

Quartz (SiO2)	14808-60-7	TWA (Respirable fraction)	0.025 mg/m3 (Silica)	ACGIH	
Cement (chromium reduced)	65997-15-1	TWA (Dust)	50 Million parti- cles per cubic foot	TH OEL	
		TWA (Respirable fraction)	1 mg/m3	ACGIH	
Fumes, silica	69012-64-2	TWA (Dust)	20 Million parti- cles per cubic foot (Silica)	TH OEL	
	Further information: Mppcf is million particles per 1 cubic foot				
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	TH OEL	

### 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 handling 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.

Eye protection : Safety eyewear complying with an approved standard should

be used when a risk assessment indicates this is necessary.

Skin and body protection : Choose body protection in relation to its type, to the concen-

tration and amount of dangerous substances, and to the spe-

cific work-place.

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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Colour : grey

Odour : odourless

Odour Threshold : No data available

pH : No data available

# Sikacrete®-Gunite® 103

Version 2.0 SDS Number: 000000611664 Revision Date: 2018/06/20

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. 2.1 g/cm3

Bulk density : ca. 1,700 kg/m3

Solubility(ies)

Water solubility : No data available

Solubility in other solvents : No data available

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

: Stable under recommended storage conditions.

# Sikacrete®-Gunite® 103

Version 2.0 SDS Number: 000000611664 Revision Date: 2018/06/20

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

Not classified based on available information.

## 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

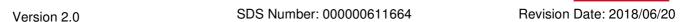
## **Product:**

Additional ecological infor-

mation

: There is no data available for this product.

# Sikacrete®-Gunite® 103



### 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 dangerous goods

IATA-DGR

Not dangerous goods

**IMDG-Code** 

Not dangerous goods

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/legislation specific for the substance or mixture

International Chemical Weapons Convention (CWC)

Schedules of Toxic Chemicals and Precursors

: Not applicable

Hazardous Substance Act B.E. 2535 : Not applicable

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.