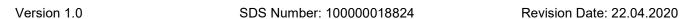
Sika® Microcrete-218



SECTION 1: Identification of the hazardous chemical and of the supplier

Product name : Sika® Microcrete-218

Product code : 100000018824

Type of product : powder

Recommended use of the chemical and restrictions on use

Product use : Mortar, For professional users only.

Manufacturer or supplier's details

Company : Sika Kimia Sdn. Bhd.

Lot 689 Nilai Industrial Estate

71800 Nilai

 Telephone
 : +60 6799 1762

 Telefax
 : +60 6799 1980

 E-mail address
 : EHS@my.sika.com

Emergency telephone

number

Contact point :

SECTION 2: Hazards identification

Classification of the hazardous chemical

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)

Label elements

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/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a

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> POISON CENTER or doctor/ physician 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 or doctor/ physician.

P333 + P313 If skin irritation or rash occurs: Get medical

advice/ attention.

Other hazards which do not result in classification

None known.

SECTION 3: Composition and information of the ingredients of the hazardous chemical

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (%)
Quartz (SiO2)	14808-60-7	>= 30 - < 60
Cement (chromium reduced)	65997-15-1	>= 20 - < 30
Fumes, silica	69012-64-2	>= 3 - < 5
sulfoaluminate clinker	Not Assigned	>= 1 - < 3

SECTION 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

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

: irritant effects sensitising effects

Cough

Respiratory disorder Allergic reactions **Excessive lachrymation**

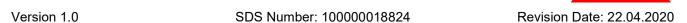
Dermatitis

See Section 11 for more detailed information on health effects

and symptoms. Causes skin irritation.

May cause an allergic skin reaction.

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Causes serious eye damage.

May cause respiratory irritation.

Notes to physician : Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

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

circumstances and the surrounding environment.

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

Physicochemical hazards arising from the chemical

Hazardous combustion

products

: No hazardous combustion products are known

Special protective equipment and precautions for fire-fighters

Special protective equipment

for firefighters

Specific extinguishing

methods

Standard procedure for chemical fires.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency 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.

SECTION 7: Handling and storage

Handling

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 : 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 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

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products

Storage

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.

SECTION 8: Exposure controls and personal protection

Control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis	
Quartz (SiO2)	14808-60-7	TWA (Respirable fraction)	0.1 mg/m3	MY PEL	
		PEL (Respirable dust)	0.1 mg/m3	MY PEL	
		TWA (Respirable particulate matter)	0.025 mg/m3	ACGIH	
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH	
		TWA (Respirable particulate matter)	0.025 mg/m3	ACGIH	
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH	
Cement (chromium reduced)	65997-15-1	TWA	10 mg/m3	MY PEL	
	Further information: The value is for particulate matter contain no asbestos and <1% crystalline silica				
		PEL (Respirable dust)	5 mg/m3	MY PEL	
		PEL (Total dust)	10 mg/m3	MY PEL	
		TWA (Respirable particulate matter)	1 mg/m3	ACGIH	
Fumes, silica	69012-64-2	TWA (Respirable fraction)	2 mg/m3	MY PEL	

Individual protection measures, such as personal protective equipment

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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.

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.

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.

Handle in accordance with good industrial hygiene and safety Hygiene measures

practice.

When using do not eat or drink. When using do not smoke.

Wash hands before breaks and at the end of workday.

SECTION 9: Physical and chemical properties

Appearance powder Colour grey

Odour characteristic Odour Threshold No data available

рH Not applicable Melting point/range / Freezing No data available

point

Boiling point/boiling range No data available

Flash point No data available Evaporation rate No data available

Flammability No data available

Upper explosion limit No data available

No data available Lower explosion limit

Vapour pressure No data available

Relative vapour density No data available

: ca. 2.1 g/cm3 (20 °C (68 °F) ()) Density

Solubility(ies)

: No data available Water solubility

Solubility in other solvents : No data available

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: No data available

Partition coefficient: n-

octanol/water

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : Not applicable

Flow time 1 - 2.5 s

Explosive properties No data available

Molecular weight No data available

SECTION 10: Stability and reactivity

Reactivity No dangerous reaction known under conditions of normal use.

Chemical stability The product is chemically stable. No hazards to be specially mentioned.

Possibility of hazardous

reactions

Conditions to avoid No data available Incompatible materials No data available No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

Information on likely routes of : None known.

exposure

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: 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.

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.

SECTION 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

information

: There is no data available for this product.

SECTION 13: Disposal information

Disposal methods

Waste from residues : Do not contaminate ponds, waterways or ditches with

chemical 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.

SECTION 14: Transport information

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

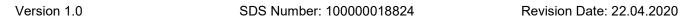
IMDG-Code

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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SECTION 15: Regulatory information

Safety, health, and environmental regulations specific for the hazardous chemical

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

International Chemical Weapons Convention (CWC) : Not applicable

Schedules of Toxic Chemicals and Precursors

SECTION 16: Other information

Date format : dd.mm.yyyy

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.

Changes as compared to previous version!