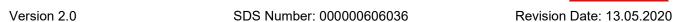
# Sikagard®-720 EpoCem HC Part C



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

Product name : Sikagard®-720 EpoCem HC Part C

Product code : 000000606036

Type of product : powder

## 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

Specific target organ toxicity -

single exposure

: Category 3 (Respiratory system)

#### 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 : **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 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.

Storage:

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

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Other hazards which do not result in classification

None known.

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

SDS Number: 000000606036

Substance / Mixture : Mixture

## **Hazardous components**

Chemical name	CAS-No.	Concentration (%)
Quartz (SiO2)	14808-60-7	>= 60 - <= 100
Cement (chromium reduced)	65997-15-1	>= 30 - < 60
Fumes, silica	69012-64-2	>= 1 - < 3
titanium dioxide	13463-67-7	>= 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.

: Small amounts splashed into eyes can cause irreversible In case of eye contact

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

Cough Respiratory disorder

Excessive lachrymation

**Dermatitis** 

See Section 11 for more detailed information on health effects

and symptoms. Causes skin irritation.

Causes serious eye damage.

May cause respiratory irritation.

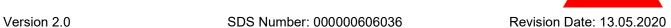
: Treat symptomatically. Notes to physician

## **SECTION 5: Firefighting measures**

## Extinguishing media

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

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circumstances and the surrounding environment.

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

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

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

courses.

No special environmental precautions required.

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.

Smoking, eating and drinking should be prohibited in the

application area.

Follow standard hygiene measures when handling chemical

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.

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## **SECTION 8: Exposure controls and personal protection**

## **Control parameters**

Control parameters	1	T		
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)	educed) 65997-15-1 TWA 10 mg/m3  Further information: The value is for particulate			MY PEL ter containing
	no asbestos a	nd <1% crystallii PEL (Respirable dust)	5 mg/m3	MY PEL
		PEL (Total dust)	10 mg/m3	MY PEL
		TWÁ (Respirable particulate matter)	1 mg/m3	ACGIH
Fumes, silica	69012-64-2	TWA (Respirable fraction)	2 mg/m3	MY PEL
titanium dioxide	13463-67-7	TWA	10 mg/m3	MY PEL
		TWA	10 mg/m3 (Titanium dioxide)	ACGIH

## Individual protection measures, such as personal protective equipment

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.

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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.

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.

## **SECTION 9: Physical and chemical properties**

Appearance : powder
Colour : light grey
Odour : odourless

Odour Threshold : No data available

pH : Not applicable Melting point/range / Freezing : No data available

point

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 : No data available

Bulk density : 1,500 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

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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

#### **SECTION 10: Stability and reactivity**

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : The product is chemically stable.
Possibility of hazardous : No hazards to be specially mentioned.

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: 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.

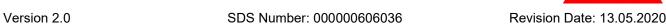
## STOT - repeated exposure

Not classified based on available information.

### **Aspiration toxicity**

Not classified based on available information.

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#### **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.

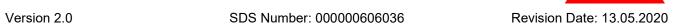
## **SECTION 15: Regulatory information**

## 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.

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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!