Safety Data Sheet

according to 91/155/EEC and ISO 11014-1

Revised: 17.03.2009 SDS No.: 012-00022940.0000

1. Identification of the substance/preparation and company

Product

Product name

Sikagard®-720 EpoCem® Part C

Manufacturer/supplier information

Manufacturer/supplier:	GILAR LTD
Street/postbox:	Hamatechet St.
Town/City and Post Code:	KADIMA, 60920
Country:	ISRAEL
Phone:	+972 9 8994000
Fax:	+972 9 8994003

* 2. Composition/information on ingredients

Chemical characterization

Mixture of cements, aggregates and additives

Hazardous ingredients

Designation according to 67/548/EEC CAS No. EEC No.	Concentration	Danger symbols	R phrases
· Cement 65997-15-1 266-043-4	25 - 50 %	Xi	41,37/38
· Quartz (SiO2) 14808-60-7 238-878-4	50 - 100 %		
· Titanium dioxide 13463-67-7 236-675-5	1 - 2.5 %		

* 3. Hazards identification

Hazards identification

Xi	Irritant

Information on hazards to man and to the environment

37/38	Irritating to respiratory system and skin.
41	Risk of serious damage to eyes.

4. First-aid measures

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

In case of irritation when dust is inhaled, provide for plenty of fresh air.

4. First-aid measures (continued)
In the event of symptoms take medical treatment.

After skin contact
In case of contact with skin wash off immediately with soap and water
Consult a doctor if skin irritation persists.

After eye contact
In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.
Summon a doctor immediately.

After ingestion
Do not induce vomiting.
Summon a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing media
water
foam
dry powder

Unsuitable extinguishing media for safety reasons
Not applicable.

Exposure hazard arising from the product, its combustion products or resulting gases
Carbon monoxide (CO)
Carbondioxide (CO2)
Nitrogen oxides (NOx)

Special protective equipment for fire-fighting
Use breathing apparatus.

Additional information
Product of itself does not burn.
extinguishing measures to suit surroundings
Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions
Avoid dust formation.
Use breathing apparatus if exposed to vapours/dust/aerosol.
Use personal protective clothing.

6. Accidental release measures (continued)

Environmental precautions
In case of entry into waterways, soil or drains, inform the responsible authorities.

Procedures for cleaning up
Pick up mechanically
When picked up, treat material as prescribed under heading "Disposal".

7. Handling and storage

Handling
Instructions for safe handling
See chapter 8 / Personal protective equipment.
Avoid dust formation.
Use only in well ventilated areas.

Instructions for fire and explosion protection
Not applicable.

Storage
Requirements for storage rooms and containers
Keep sacks tightly closed and dry, in a weather-proof place

Combined storage instructions
Keep away from food, beverages and animal feedstocks.

Additional information regarding storage
Protect from atmospheric moisture and water

8. Exposure controls/personal protection

Substances having workplace related exposure values/limits which may require monitoring for assessment purposes

Designation of substance CAS No.	Type		Ref./Country/Year
· Cement			
65997-15-1	MAK e	5 mg/m3	CNA, MAK/CH/1997
· Quartz (SiO2)			
14808-60-7	MAK a	0.15 mg/m3	CNA, MAK/CH/1997
· Titanium dioxide			
13463-67-7	MAK e	6 mg/m3	CNA, MAK/CH/1997

Personal protective equipment
General protective and hygiene measures
Do not inhale dust
Take care for sufficient ventilation or exhaust on the workshop place.
Do not eat, drink or smoke during work time.

8. Exposure controls/personal protection (continued)

Wash hands before breaks and after work.
Use barrier skin cream.

Respiratory protection
Dust protection mask

Hand protection
Nitrile rubber gloves

Eye protection
Safety glasses/face shield

Body protection
Working clothes

9. Physical and chemical properties

Appearance

Physical state:	Powder
Colour:	light grey
Odour:	odourless

Data relevant to safety		Method
Boiling point	not applicable	
Flash point	not applicable	
Upper explosion limit	not applicable	
Density at 20°C	1.43 g/cm3	
Solubility in water at 20°C	0.4 %	
pH value at 20°C (10g/100ml water)	10.5	
Viscosity at 20°C	not applicable	

10. Stability and reactivity

Materials to avoid/dangerous reactions
Hazardous reactions possible with:
Acids

Thermal decomposition and hazardous decomposition products
No decomposition if used as prescribed.

11. Toxicological information

Sensitization
Allergic reactions can be observed by sensitive persons.

Experience on humans
When skin contact:
May cause irritation.
When eyes contact:
Irritation.
May cause irreversible damage to eyes.
When inhalation:
Irritation.
When swallowed:
Small amount may cause considerable health disorders.

12. Ecological information

Additional information
Due to the high pH, aquatic organisms may be harmed.
Do not allow to enter waste water drain, waterways or soil.
Once cured, the product will unlikely have any adverse effect on the environment.

13. Disposal considerations

Product
Recommendations
Dispose of in accordance with local authority regulations.
See chapter 15, national regulations.
Gemäß der gültigen Abfallverzeichnis-Verordnung sind Abfälle herkunftsbezogen der Abfallart zuzuordnen. Deshalb ist eine eindeutige Festlegung einer Abfallschlüsselnummer nicht möglich.

Packaging
Recommendations
Completely emptied packagings can be given for recycling.
Packaging that cannot be cleaned should be disposed of as product waste

14. Transport information

ADR/RID
Further information
No dangerous goods.

14. Transport information (continued)

IMO/IMDG

Further information
No dangerous goods.

IATA/ICAO

Further information
No dangerous goods.

*** 15. Regulatory information**

Labelling according to EEC Directive

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Danger symbols

Xi	Irritant

R phrases

37/38	Irritating to respiratory system and skin.
41	Risk of serious damage to eyes.

S phrases

26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
39	Wear eye/face protection.

National regulations

Toxicity class free SFOPH T No.: 617300
Water hazardous class (WGK)
WGK 1

Brandklasse (CH)
5

Abfallcode und Abfallbezeichnung (CH)
ALLOW PRODUCT TO REACT WITH WATER (CA.20 % BY WEIGTH). WHEN CURED DISPOSE IN CONTROLLED LANDFILL IN ACCORDANCE WITH LOCAL AUTHORITY REGULATIONS.

*** 16. Other information**

asterisk (*) on left margin marks modification of previous version

R-phrases of the ingredients listed in chapter 2

37/38	Irritating to respiratory system and skin.
41	Risk of serious damage to eyes.

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 Technical Data Sheet prior to any use and processing.