

Safety Data Sheet

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

Date of printing: 17.03.2009

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SDS No.: 001-00010000.0000

1. Identification of the substance/preparation and company

Product

Product name

Sika Seram TG-520

Manufacturer/supplier information

Manufacturer/supplier:

GILAR LTD

Street/postbox:

Hamatechet St. Industrial Area

Town/City and Post Code:

Kadima

Country:

Israel

Phone:

+97298994000

Telefax:

+97298994003

General information:

Environment and Safety

Emergency information phone:

+972 (0) 98 99 40 07

2. Composition/information on ingredients

Chemical characterization

Mixture of cements, aggregates and additives

Hazardous ingredients

Designation according to 67/548/EEC

CAS No.	Concentration	Danger symbols	R phrases
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EEC No.

· cement

65997-15-1

25 - 50 %

Xi

41,43,37/38

266-043-4

· Calcium oxide

1305-78-8

2.5 - 10 %

Xi

41,37/38

215-138-9

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.

43

May cause sensitization by skin contact

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.

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.

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5. Fire-fighting measures

Suitable extinguishing media

Extinguishing media suitable to the surrounding fire.

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 (NO_x)

Special protective equipment for fire-fighting

Use breathing apparatus.

Additional information

Product of itself does not burn.

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 personal protective clothing.

Use breathing apparatus if exposed to vapour/dust/aerosol.

Environmental precautions

Do not allow to enter drains or waterways

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

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*** 8. Exposure controls/personal protection**

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.

Wash hands before breaks and after work.

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:

grey

Odour:

odourless

Data relevant to safety

Method

Flash point

not applicable

Loose bulk density

1.32 - 1.42 g/cm³

pH value at 20°C

>12

(100g/100ml water)

Viscosity at 20°C

not applicable

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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

When skin contact:

Sensitization/allergic reaction possible.

Allergic reaction may be observed in sensitive persons, even on very low concentrations.

The same is also valid below the fixed exposure limits.

Experience on humans

When skin contact:

irritation.

When eyes contact:

irritation.

When inhalation:

irritation.

When swallowed:

Small amount may cause considerable health disorders.

12. Ecological information

Additional information

Product is slightly water polluting.

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

Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

See chapter 15, national regulations.

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

IMO/IMDG

Further Information

NO DANGEROUS GOODS

IATA/ICAO

Further Information

NO DANGEROUS GOODS

National information

Transport away from food, beverages and animal feedstocks

