

Safety Data Sheet

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

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SDS No.: 001-00010000.0000

1. Identification of the substance/preparation and company

Product

Product name

SikaFloor 3 QuartzTop

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

Ingredients

Ingredient name	CAS number	%	EC number	Classification
Quartz (SiO ₂)	14808-60-7	50-75	238-878-4	Not classified.[2]
Cement	65997-15-1	25-35	266-043-4	Xi; R41,R37/38 R43[1] [2]
Diiron trioxide	1309-37-1	1-5	215-168-2	Not classified. [2]

See section 16 for the full text of the R-phrases declared above.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

Xi; R41, R37/38

R43

Human health hazards :

Risk of serious damage to eyes.

Irritating to respiratory system and skin. May cause sensitization by skin contact.

See section 11 for more detailed information on health effects and Symptoms.

4. First-aid measures

Inhalation: Get medical attention.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Maintain an open airway. Seek immediate medical attention.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention if symptoms occur.

Eye contact: Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Notes to physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See section 11 for more detailed information on health effects and symptoms.

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5. Fire-fighting measures

Extinguishing media

Suitable: Use an extinguishing agent suitable for the surrounding fire.

Not suitable: None known.

Special exposure hazards: No specific fire or explosion hazard.

Hazardous combustion : Decomposition products may include the following materials: metal oxide/oxides

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus(SCBA)with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions

Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Large spill

Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal.

Small spill

Move containers from spill area. Vacuum or sweep up material and place in A designated, labeled waste container.

7. Handling and storage

Handling

Put on appropriate personal protective equipment (see section 8).

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe dust. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

Use appropriate containment to avoid environmental contamination

Packaging materials Recommended : Use original container.

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8. Exposure controls/personal protection

Exposure limit values

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
Quartz (SiO ₂)	INSHT (Spain, 1/2007) . TWA: 0.1 mg/m ³ 8 hour(s). Form: Respirable fraction
Cement	INSHT (Spain, 1/2007) . TWA: 10 mg/m ³ 8 hour(s).
Diiron trioxide	INSHT (Spain, 1/2007). Notes: As Fe TWA: 5 mg/m ³ , (As Fe) 8 hour(s). Form: Dust and fumes

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, Workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Exposure controls

occupational exposure controls

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, Before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

Wash contaminated clothing before reusing.

Respiratory protection

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: particulate filter

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.

Recommended: Butyl rubber/nitrile rubber gloves.

Skin protection

Personal protective equipment for the body should be selected based on the Task being performed and the risks involved and should be approved by a specialist before handling this product.

Recommended: Use barrier skin cream.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to Ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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9. Physical and chemical properties

Appearance

Physical state: Powder
Color: various
Odor: odorless

Important health, safety and environmental information

Flash point Closed cup: Not applicable.

10. Stability and reactivity

Conditions to avoid

No specific data.

Materials to avoid

No specific data.

Stability

The product is stable. Under normal conditions of storage and use, Hazardous polymerization will not occur.

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Potential acute health effects

Inhalation :

Irritating to respiratory system. May cause irritation.

Ingestion :

Irritating to mouth, throat and stomach.

Skin contact :

Irritating to skin. May cause sensitization by skin contact.

Eye contact : Severely irritating to eyes. Risk of serious damage to eyes.

Chronic effects :

Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

12. Ecological information

Environmental effects :

Avoid contact of spilled material and runoff with soil and surface waterways. Do not empty into drains; dispose of this material and its container in a safe way.

13. Disposal considerations

Methods of disposal :

The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Packaging :

Completely emptied packagings may be given for recycling. Empty packaging May still contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

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14. Transport information

ADR/RID

Further Information

NO DANGEROUS GOODS

IMO/IMDG

Further Information

NO DANGEROUS GOODS

IATA/ICAO

Further Information

NO DANGEROUS GOODS

15. Regulatory information

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Hazard symbol or symbols

Irritant Xi

Contains

Cement

Risk phrases

R41- Risk of serious damage to eyes.

R37/38- Irritating to respiratory system and skin.

R43- May cause sensitization by skin contact.

Safety phrases

S24- Avoid contact with skin.

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39- Wear suitable gloves and eye/face protection.

Remark

76/769/EC / AI/47

VOC content (EU)

VOC (w/w): 0%

16. Other information

Full text of classifications referred to in sections 2 and 3

R41- Risk of serious damage to eyes.

R37/38- Irritating to respiratory system and skin.

R43- May cause sensitization by skin contact.

Full text of classifications referred to in sections 2 and 3

Xi - Irritant