

# SAFETY DATA SHEET

## SikaTile®-510 Mega Lite



Version  
2.0

Revision Date:  
20.07.2023

SDS Number:  
100000047327

Date of last issue: 28.11.2022  
Date of first issue: 28.11.2022

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SikaTile®-510 Mega Lite

#### Manufacturer or supplier's details

Company : Sika Australia Pty. Ltd.  
55 Elizabeth Street  
Wetherill Park, NSW 2164

Telephone : +61 2 9725 11 45

Emergency telephone number : +61 1800 033 111

Telefax : +61 2 9725 33 30

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

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)

#### GHS 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.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.

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P280 Wear protective gloves/ eye protection/ face protection.

### Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor 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/ doctor.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

### Storage:

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

### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards which do not result in classification

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

| Chemical name               | CAS-No.    | Concentration (% w/w) |
|-----------------------------|------------|-----------------------|
| Cement, portland, chemicals | 65997-15-1 | >= 30 -< 60           |
| glass, oxide, chemicals     | 65997-17-3 | >= 10 -< 30           |
| Limestone                   | 1317-65-3  | >= 10 -< 30           |
| calcium diformate           | 544-17-2   | >= 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.

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- 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.  
Causes serious eye damage.  
May cause respiratory irritation.
- Notes to physician : Treat symptomatically.

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### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Standard procedure for chemical fires.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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### 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.

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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

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 products

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.

Conditions for safe storage : Store in original container.  
Keep in a well-ventilated place.  
Observe label precautions.  
Store in accordance with local regulations.

Further information on storage stability : Keep in a dry place.  
No decomposition if stored and applied as directed.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| Components                  | CAS-No.  | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis  |
|-----------------------------|--|-------------------------------|--|--------|
| Cement, portland, chemicals | 65997-15-1   | TWA                           | 10 mg/m <sup>3</sup>                           | AU OEL |
| glass, oxide, chemicals     | 65997-17-3   | TWA (inhalable dust)          | 2 mg/m <sup>3</sup>                            | AU OEL |
|                             | Further information: Where almost all the airborne material is fibrous MMVF, an inhalable dust exposure standard of 2 mg/m <sup>3</sup> (8 hour TWA) must also be applied to minimise mechanical irritation from largely non-respirable fibre. This inhalable standard is not to |                               |  |        |

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|--|--|----------------------|---------------------------|--------|
|  | <p>take precedence over the respirable fibre standard, where applicable. For those applications where MMVF is combined with other material such that the proportion of respirable fibres is extremely low or is difficult to measure because of the larger portion of non-fibrous MMVF material, it is appropriate to apply the exposure standard for nuisance dusts of 10 mg/m<sup>3</sup>, measured as inhalable dust (8 hour TWA)., Category 1B (Carc. 1B) Presumed to have carcinogenic potential for humans, As described in IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 81, Man-Made Vitreous Fibres, pp. 45-54, 2002, IARC Press, Lyon, France<sup>3</sup>, Any MMVF that meet the requirements of Note R in Regulation EC No. 1272/2008 page 353/335 are exempted from mandatory classification as a carcinogen under the GHS in the European Union.</p>   |                      |                           |        |
|  |  | TWA (Respirable)     | 0.5 fibres per millilitre | AU OEL |
|  | <p>Further information: Category 1B (Carc. 1B) Presumed to have carcinogenic potential for humans, As described in IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 81, Man-Made Vitreous Fibres, pp. 45-54, 2002, IARC Press, Lyon, France<sup>3</sup>, Any MMVF that meet the requirements of Note R in Regulation EC No. 1272/2008 page 353/335 are exempted from mandatory classification as a carcinogen under the GHS in the European Union.</p>  |                      |                           |        |
|  |  | TWA (inhalable dust) | 2 mg/m <sup>3</sup>       | AU OEL |
|  | <p>Further information: Where almost all the airborne material is fibrous MMVF, an inhalable dust exposure standard of 2 mg/m<sup>3</sup> (8 hour TWA) must also be applied to minimise mechanical irritation from largely non-respirable fibre. This inhalable standard is not to take precedence over the respirable fibre standard, where applicable. For those applications where MMVF is combined with other material such that the proportion of respirable fibres is extremely low or is difficult to measure because of the larger portion of non-fibrous MMVF material, it is appropriate to apply the exposure standard for nuisance dusts of 10 mg/m<sup>3</sup>, measured as inhalable dust (8 hour TWA)., Category 2 (Carc. 2) Suspected human carcinogen, As described in IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 81, Man-Made Vitreous Fibres, pp. 45-54, 2002, IARC Press, Lyon, France<sup>3</sup>, MMVF with random orientation, alkaline oxide and alkali earth oxide (Na<sub>2</sub>O+K<sub>2</sub>O+CaO+MgO+BaO) content greater than 18% by weight., Exempted are: - Any MMVF which have been tested according to the test protocol Methods for the Determination of the Hazardous Properties for Human Health of Man Made Mineral Fibres April 1999 and Note Q in EC Regulation No. 1272/2008 page 353/335 and found to comply with these tests. - Any MMVF that meet the requirements of Note Q in EC Regulation No. 1272/2008 page 353/335 are exempted from mandatory classification in the European Union as a carcinogen under the Globally Harmonized System for Classification and Labelling of Chemicals (GHS). Note IARC has classified mineral wools (glass wool, rock wool (stone wool), slag wool and continuous glass filament) as</p> |                      |                           |        |

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|  | IARC Category 3: not classifiable as to carcinogenicity in humans.<br>- Any MMVF that meet the requirements of Note R in Regulation EC No. 1272/2008 page 353/335 are exempted from mandatory classification as a carcinogen under the GHS in the European Union |                      |   |        |
|  |  | TWA (inhalable dust) | 2 mg/m <sup>3</sup>                         | AU OEL |
| Limestone  | 1317-65-3  | TWA                  | 10 mg/m <sup>3</sup><br>(Calcium carbonate) | AU OEL |
| Further information: This value is for inhalable dust containing no asbestos and < 1% crystalline silica |  |                      |   |        |

**Appropriate engineering controls** : Avoid dust formation.  
Provide appropriate exhaust ventilation at places where dust is formed.

### Personal protective equipment

Respiratory protection : In case of inadequate ventilation wear 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.  
particulate filter P

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.  
Follow AS/NZS 1337.1  
Recommended: Butyl rubber, PVC, cotton gloves

Eye protection : Safety glasses

Skin and body protection : Protective clothing (e.g. safety shoes, long-sleeved working clothing, long trousers)  
Follow AS 2210:3

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Colour : white

Odour : No data available

Odour Threshold : No data available

pH : No data available

Melting point/range / Freezing point : No data available

Boiling point/boiling range : No data available

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|--|---|--|
| Flash point                                      | : | No data available  |
| Evaporation rate                                 | : | No data available  |
| Flammability (solid, gas)                        | : | No data available  |
| Upper explosion limit / Upper flammability limit | : | No data available  |
| Lower explosion limit / Lower flammability limit | : | No data available  |
| Vapour pressure                                  | : | No data available  |
| Relative vapour density                          | : | No data available  |
| Density  | : | ca. 0.99 g/cm <sup>3</sup> (20 °C (68 °F))   |
| 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  |
| Decomposition temperature                        | : | No data available  |
| Viscosity  |   |  |
| Viscosity, dynamic                               | : | No data available  |
| Viscosity, kinematic                             | : | No data available  |
| Explosive properties                             | : | No data available  |
| Oxidizing properties                             | : | No data available  |
| Volatile organic compounds                       | : | Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)<br>Not applicable |

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### 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 reactions | : | No hazards to be specially mentioned.                       |

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Conditions to avoid : No data available

Incompatible materials : see section 7.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Components:

##### calcium diformate:

Acute oral toxicity : LD50 Oral (Rat): 3,050 mg/kg

#### 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.

#### Chronic toxicity

##### 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



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### **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.

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal methods**

Waste from residues : Send to a licensed waste management company.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.

Do not re-use empty containers.

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## **SECTION 14. TRANSPORT INFORMATION**

### **International Regulations**

#### **IATA-DGR**

UN/ID No. : Not applicable

Proper shipping name : Not applicable

Class : Not applicable

Subsidiary risk : Not applicable

Packing group : Not applicable

Labels : Not applicable

Packing instruction (cargo aircraft) : Not applicable

Packing instruction (passenger aircraft) : Not applicable

#### **IMDG-Code**

UN number : Not applicable

Proper shipping name : Not applicable

Class : Not applicable

Subsidiary risk : Not applicable

Packing group : Not applicable

Labels : Not applicable

EmS Code : Not applicable

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Marine pollutant : Not applicable

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

#### ADG

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Hazchem Code : Not applicable

### Special precautions for user

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform : No poison schedule number allocated  
Scheduling of Medicines and  
Poisons

International Chemical Weapons Convention (CWC) : Not applicable  
Schedules of Toxic Chemicals and Precursors

Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

### The components of this product are reported in the following inventories:

AllC : On the inventory, or in compliance with the inventory

## SECTION 16. OTHER INFORMATION

Revision Date : 20.07.2023  
Date format : dd.mm.yyyy

### Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.  
AU OEL / TWA : Exposure standard - time weighted average  
ADG : Australian Dangerous Goods Code.  
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road  
CAS : Chemical Abstracts Service  
DNEL : Derived no-effect level

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|        |   |  |
|--------|---|--|
| EC50   | : | Half maximal effective concentration   |
| GHS    | : | Globally Harmonized System   |
| IATA   | : | International Air Transport Association  |
| IMDG   | : | International Maritime Code for Dangerous Goods  |
| LD50   | : | Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)  |
| LC50   | : | Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)   |
| MARPOL | : | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978  |
| OEL    | : | Occupational Exposure Limit  |
| PBT    | : | Persistent, bioaccumulative and toxic  |
| PNEC   | : | Predicted no effect concentration  |
| REACH  | : | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC   | : | Substances of Very High Concern  |
| vPvB   | : | Very persistent and very bioaccumulative   |

Safety Data Sheets are updated frequently. Please ensure that you have a current copy. SDS may be obtained from the following website: [aus.sika.com](http://aus.sika.com)

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 !

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