

# SAFETY DATA SHEET

## SikaFume



Version  
2.0

Revision Date:  
2022/10/10

SDS Number:  
100000039514

Date of last issue: 2021/09/08  
Date of first issue: 2021/09/08

### Section 1: Identification

Product name : SikaFume

#### Manufacturer or supplier's details

Company : Sika (NZ) Ltd.  
85-91 Patiki Road  
Avondale  
Auckland AKL 1026

Telephone : +64 9 820 2900

Emergency telephone number : 0800 734 607

E-mail address : info@nz.sika.com

Telefax : +64 9 828 4091

### Section 2: Hazard identification

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### 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)  |
|---------------|------------|------------------------|
| Fumes, silica | 69012-64-2 | $\geq 90$ - $\leq 100$ |

### Section 4: First-aid measures

General advice : No hazards which require special first aid measures.

If inhaled : Move to fresh air.

In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.

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- |                                                             |   |                                                                                                                                                                    |
|-------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| In case of eye contact                                      | : | Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Keep eye wide open while rinsing.                                                              |
| If swallowed                                                | : | Clean mouth with water and drink afterwards plenty of water.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person. |
| Most important symptoms and effects, both acute and delayed | : | No known significant effects or hazards.<br>See Section 11 for more detailed information on health effects and symptoms.                                           |
| Notes to physician                                          | : | Treat symptomatically.                                                                                                                                             |
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### Section 5: Fire-fighting 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.                                          |
- 

### Section 6: Accidental release measures

- |                                                                     |   |                                                                                                                                     |
|---------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | : | Avoid breathing dust.                                                                                                               |
| Environmental precautions                                           | : | No special environmental precautions required.                                                                                      |
| Methods and materials for containment and cleaning up               | : | Keep in suitable, closed containers for disposal.<br>Sweep up or vacuum up spillage and collect in suitable container for disposal. |
- 

### Section 7: Handling and storage

- |                                                 |   |                                                                                                                                                    |
|-------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on protection against fire and explosion | : | Avoid dust formation.<br>Provide appropriate exhaust ventilation at places where dust is formed.                                                   |
| Advice on safe handling                         | : | For personal protection see section 8.<br>No special handling advice required.<br>Follow standard hygiene measures when handling chemical products |
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- Hygiene measures : When using do not eat or drink.  
When using do not smoke.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Store in accordance with local regulations.
- Materials to avoid : No special restrictions on storage with other products.
- 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<br>(Form of exposure) | Control parameters / Permissible concentration | Basis  |
|---------------|------------|----------------------------------|------------------------------------------------|--------|
| Fumes, silica | 69012-64-2 | WES-TWA<br>(Respirable dust)     | 2 mg/m <sup>3</sup>                            | NZ OEL |

#### Personal protective equipment

- 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.
- 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.
- Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

### Section 9: Physical and chemical properties

- Appearance : powder
- Colour : grey

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|                                                  |                                             |
|--------------------------------------------------|---------------------------------------------|
| Odour                                            | : odourless                                 |
| Odour Threshold                                  | : No data available                         |
| pH                                               | : No data available                         |
| Melting point/freezing point                     | : ca. 1,230 °C (2,246 °F)                   |
| Boiling point/boiling range                      | : No data available                         |
| 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. 2.2 - 2.3 g/cm <sup>3</sup>           |
| Bulk density                                     | : ca. 600 kg/m <sup>3</sup> (20 °C (68 °F)) |
| Solubility(ies)                                  |                                             |
| Water solubility                                 | : slightly soluble                          |
| 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 (VOC) content         | : no VOC contained                          |

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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.

Conditions to avoid : No data available

Incompatible materials : No data available

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### Section 11: Toxicological information

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Respiratory or skin sensitisation

##### Skin sensitisation

Not classified based on available information.

##### 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

Not classified based on available information.

##### 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.

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### Section 13: Disposal considerations

#### Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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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  
Marine pollutant : Not applicable

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

Not applicable for product as supplied.

### National Regulations

#### NZS 5433

|                      |   |                |
|----------------------|---|----------------|
| 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

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

### HSW Controls

Certified handler certificate not required.  
Tracking hazardous substance not required.  
Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

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

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

## Section 16: Other information

### Full text of other abbreviations

|                  |   |                                                                                                                                        |
|------------------|---|----------------------------------------------------------------------------------------------------------------------------------------|
| NZ OEL           | : | New Zealand. Workplace Exposure Standards for Atmospheric Contaminants                                                                 |
| NZ OEL / WES-TWA | : | Workplace 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                                                                                                                |
| EC50             | : | Half maximal effective concentration                                                                                                   |
| GHS              | : | Globally Harmonized System                                                                                                             |
| IATA             | : | International Air Transport Association                                                                                                |
| IMDG             | : | International Maritime Code for Dangerous Goods                                                                                        |
| LD50             | : | Median lethal dosis (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                                                                         |

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|        |                                                                                                                                                                                                                                        |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | 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                                                                                                                                                                                             |

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 !

NZ / EN