SAFETY DATA SHEET
Sikadur-41 CF Normal (C)

Section 1: Identification

Product name: Sikadur-41 CF Normal (C)
Product code: 100000007801

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
Telefax: +64 9 828 4091
E-mail address: info@nz.sika.com

Recommended use of the chemical and restrictions on use
Product use: Mortar

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (SiO2)</td>
<td>14808-60-7</td>
<td>&gt;= 90 -&lt;= 100</td>
</tr>
</tbody>
</table>

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.
In case of eye contact: Flush eyes with water as a precaution. 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.

Most important symptoms and effects, both acute and delayed: No known significant effects or hazards. See Section 11 for more detailed information on health effects and symptoms.

Notes to physician: Treat symptomatically.

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: For personal protection see section 8.

Environmental precautions: No special environmental precautions required.

Methods and materials for containment and cleaning up: Keep in suitable, closed containers for disposal. 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: Normal measures for preventive fire protection.

Advice on safe handling: For personal protection see section 8. No special handling advice required. Follow standard hygiene measures when handling chemical products.

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.

Section 8: Exposure controls/personal protection

Components with workplace control parameters
Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
--- | --- | --- | --- | --- |
Quartz (SiO2) | 14808-60-7 | WES-TWA (Respirable dust) | 0.1 mg/m³ | NZ OEL |

Further information: Confirmed carcinogen

**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.

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**Section 9: Physical and chemical properties**

- **Appearance**: granular
- **Colour**: various
- **Odour**: characteristic
- **Odour Threshold**: No data available

**pH**: Not applicable

- **Melting point/range / Freezing point**: No data available
- **Boiling point/boiling range**: No data available
- **Flash point**: Not applicable
- **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 : 1.85 kg/l

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 : Not applicable

Explosive properties : No data available

Oxidizing properties : No data available

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
No decomposition if stored and applied as directed.

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.

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.

Section 13: Disposal considerations

Disposal methods
Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
Section 14: Transport information

International Regulations

UNRTDG
Not regulated as a dangerous good

IATA-DGR
Not regulated as a dangerous good

IMDG-Code
Not regulated as a dangerous good

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
Not regulated as a dangerous good

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
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 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)
OEL : Occupational Exposure Limit
PBT : Persistent, bioaccumulative and toxic
PNEC : Predicted no effect concentration
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