# Sikacrete®-751 3D

Revision Date 07/17/2025 Print Date 07/17/2025

## SECTION 1. IDENTIFICATION

| | | |
|---|---|---|
| Product name | : | Sikacrete®-751 3D |
| Other means of identification | : | No data available |
| Company name | : | www.sika.ca<br>Canada<br>Pointe-Claire, QC H9R 4A9<br>601, avenue Delmar<br>Sika Canada Inc. |
| Telephone | : | (514) 697-2610 / 1 (800) 933-7452 |
| Telefax | : | (514) 694-2792 |
| E-mail address | : | ehs@ca.sika.com |
| Emergency telephone | : | CANUTEC (collect) (613) 996-6666 (24 hours) |
| Recommended use of the chemical and restrictions on use | : | For further information, refer to product data sheet. |

## SECTION 2. HAZARDS IDENTIFICATION

### GHS classification in accordance with the Hazardous Products Regulations

| | | |
|---|---|---|
| Skin corrosion | : | Category 1 |
| Serious eye damage | : | Category 1 |
| Carcinogenicity (Inhalation) | : | Category 1A |
| Specific target organ toxicity - single exposure | : | Category 3 (Respiratory system) |
| Specific target organ toxicity - repeated exposure | : | Category 1 (Lungs) |

### GHS label elements

Hazard pictograms :

Signal Word : Danger

Hazard Statements : H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.
H350 May cause cancer by inhalation.
H372 Causes damage to organs (Lungs) through prolonged or repeated exposure.

Precautionary Statements :

**Prevention:**

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

**Response:**

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
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.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

**Disposal:**

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

**Additional Labeling**

There are no ingredients with unknown acute toxicity used in a mixture at a concentration >= 1%.

**Other hazards**

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

# Sikacrete®-751 3D



Substance / Mixture : Mixture

**Components**

| Chemical name | CAS-No. | Classification | Concentration (% w/w) |
|---|---|---|---|
| Quartz (SiO2) | 14808-60-7 | Carc. 1A; H350<br>STOT RE 1; H372<br>STOT SE 3; H335 | >= 30 - < 60 |
| Portland Cement | 65997-15-1 | Skin Irrit. 2; H315<br>Skin Corr. 1C; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H335 | >= 10 - < 30 |
| calcium aluminate sulfate | 12005-25-3 | Skin Sens. 1; H317 | >= 0.1 - < 1 |
| Quartz RCS (respirable crystalline silica) | 14808-60-7 | STOT RE 1; H372<br>Carc. 1A; H350i<br>STOT SE 3; H335 | >= 0.1 - < 1 |

Actual concentration or concentration range is withheld as a trade secret

## SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Consult a physician.
Show this material 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.
Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.

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 induce vomiting without medical advice.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.

Most important symptoms : Health injuries may be delayed.

| | | |
|---|---|---|
| and effects, both acute and delayed | | corrosive effects<br>irritant effects<br>Cough<br>Respiratory disorder<br>Dermatitis<br>Causes serious eye damage.<br>May cause respiratory irritation.<br>May cause cancer by inhalation.<br>Causes damage to organs through prolonged or repeated exposure.<br>Causes severe burns. |
| 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. |
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for fire-fighters | : | In the event of fire, wear self-contained breathing apparatus. |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Avoid breathing dust.<br>Deny access to unprotected persons. |
| Environmental precautions | : | Do not flush into surface water or sanitary sewer system.<br>If the product contaminates rivers and lakes or drains inform respective authorities.<br>Local authorities should be advised if significant spillages cannot be contained. |
| Methods and materials for containment and cleaning up | : | Pick up and arrange disposal without creating dust.<br>Keep in suitable, closed containers 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 | : | Avoid formation of respirable particles.<br>Avoid exceeding the given occupational exposure limits (see section 8).<br>Do not get in eyes, on skin, or on clothing.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Follow standard hygiene measures when handling chemical products. |
| Conditions for safe storage | : | Store in original container.<br>Keep in a well-ventilated place.<br>Observe label precautions.<br>Store in accordance with local regulations. |
| Materials to avoid | : | Explosives<br>Oxidizing agents<br>Poisonous gases<br>Dangerous when wet<br>Flammable solids<br>Organic peroxides<br>Poisonous liquids<br>Spontaneously Combustible Substances |
| Further information on storage stability | : | Keep in a dry place.<br>No decomposition if stored and applied as directed. |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ingredients with workplace control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| Quartz (SiO2) | 14808-60-7 | TWA (Respirable particulates) | 0.025 mg/m3 | CA AB OEL |
| | | TWA (Respirable fraction) | 0.1 mg/m3 | CA ON OEL |
| | | TWA (Respirable) | 0.025 mg/m3 (Silica) | CA BC OEL |
| | | TWAEV (respirable aerosol fraction) | 0.05 mg/m3 | CA QC OEL |
| | | TWA (Respirable) | 0.025 mg/m3 | CA BC OEL |
| | | TWA (Respirable) | 0.025 mg/m3 (Silica) | CA BC OEL |

| | | | | |
|---|---|---|---|---|
| | | TWA (Respirable particulate matter) | 0.025 mg/m3 | ACGIH |
| | | TWA (Respirable particulate matter) | 0.025 mg/m3 (Silica) | ACGIH |
| | | TWA (Respirable particulate matter) | 0.025 mg/m3 | ACGIH |
| | | TWA (Respirable particulate matter) | 0.025 mg/m3 (Silica) | ACGIH |
| Portland Cement | 65997-15-1 | TWA | 10 mg/m3 | CA AB OEL |
| | | TWA (Respirable) | 1 mg/m3 | CA BC OEL |
| | | TWAEV (respirable dust) | 5 mg/m3 | CA QC OEL |
| | | TWAEV (total dust) | 10 mg/m3 | CA QC OEL |
| | | TWAEV (respirable aerosol fraction) | 1 mg/m3 | CA QC OEL |
| | | TWA (Respirable particulate matter) | 1 mg/m3 | ACGIH |
| Limestone | 1317-65-3 | TWA | 10 mg/m3 | CA AB OEL |
| | | TWAEV (total dust) | 10 mg/m3 | CA QC OEL |
| | | TWA (Total dust) | 10 mg/m3 | CA BC OEL |
| | | TWA (respirable dust fraction) | 3 mg/m3 | CA BC OEL |
| | | STEL | 20 mg/m3 | CA BC OEL |
| Calcium carbonate | 471-34-1 | TWAEV (total dust) | 10 mg/m3 | CA QC OEL |
| | | TWA | 10 mg/m3 (Calcium carbonate) | CA AB OEL |
| | | TWA (Total dust) | 10 mg/m3 | CA BC OEL |
| | | TWA (respirable dust | 3 mg/m3 | CA BC OEL |

| | | | | |
|---|---|---|---|---|
| | | fraction) | | |
| | | STEL | 20 mg/m3 | CA BC OEL |
| calcium sulfate, natural | 7778-18-9 | TWA | 10 mg/m3 (Calcium) | CA AB OEL |
| | | TWAEV (inhalable dust) | 10 mg/m3 | CA QC OEL |
| | | TWA (Inhalable particulate matter) | 10 mg/m3 (Calcium) | ACGIH |
| calcium aluminate sulfate | 12005-25-3 | TWAEV (respirable aerosol fraction) | 5 mg/m3 | CA QC OEL |
| Quartz RCS (respirable crystalline silica) | 14808-60-7 | TWA (Respirable particulates) | 0.025 mg/m3 | CA AB OEL |
| | | TWA (Respirable fraction) | 0.1 mg/m3 | CA ON OEL |
| | | TWA (Respirable) | 0.025 mg/m3 (Silica) | CA BC OEL |
| | | TWAEV (respirable aerosol fraction) | 0.05 mg/m3 | CA QC OEL |
| | | TWA (Respirable) | 0.025 mg/m3 | CA BC OEL |
| | | TWA (Respirable) | 0.025 mg/m3 (Silica) | CA BC OEL |
| | | TWA (Respirable particulate matter) | 0.025 mg/m3 | ACGIH |
| | | TWA (Respirable particulate matter) | 0.025 mg/m3 (Silica) | ACGIH |
| | | TWA (Respirable particulate matter) | 0.025 mg/m3 | ACGIH |
| | | TWA (Respirable particulate matter) | 0.025 mg/m3 (Silica) | ACGIH |

**Engineering measures** : Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use pro-

cess enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

**Personal protective equipment**

| | | |
|---|---|---|
| Respiratory protection | : | Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.<br><br>The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/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. |
| Hygiene measures | : | Avoid contact with skin, eyes and clothing.<br>Wash hands before breaks and immediately after handling the product.<br>Remove contaminated clothing and protective equipment before entering eating areas.<br>Wash thoroughly after handling.<br>Avoid breathing dust. |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Appearance | : | powder |
| Color | : | white |
| Odor | : | characteristic |
| Odor Threshold | : | No data available |
| pH | : | > 11 |

| | | |
|---|---|---|
| | | Concentration: 50 % |
| 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 |
| Vapor pressure | : | No data available |
| Relative vapor density | : | No data available |
| Density | : | ca. 1.301 g/cm3 (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 |
| Autoignition 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 | : | Stable under recommended storage conditions. |
| Conditions to avoid | : | No data available |
| Incompatible materials | : | No data available |
| Hazardous decomposition products | : | No decomposition if stored and applied as directed. |

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Not classified due to lack of data.

**Skin corrosion/irritation**

Causes severe burns.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitization**

**Skin sensitization**

Based on available data, the classification criteria are not met.

**Respiratory sensitization**

Not classified due to lack of data.

**Product:**

| | | |
|---|---|---|
| Result | : | Not a skin sensitizer. |
| Remarks | : | Product contains Portland cement which contains a chromate reducing agent. If the storage conditions are not appropriate (exposure to humidity) or the storage period is exceeded, the effectiveness of the reducing agent can be diminished prematurely and the product may become skin sensitizing. |

**Germ cell mutagenicity**

Not classified due to lack of data.

**Carcinogenicity**

May cause cancer by inhalation.

| | | |
|---|---|---|
| **IARC** | Group 1: Carcinogenic to humans | |
| | Quartz ($SiO_2$) | 14808-60-7 |
| | (Silica dust, crystalline) | |

| | | |
|---|---|---|
| | Group 1: Carcinogenic to humans<br>Quartz RCS (respirable crystalline silica)<br>(Silica dust, crystalline) | 14808-60-7 |
| **OSHA** | OSHA specifically regulated carcinogen<br>Quartz (SiO2)<br>(crystalline silica) | 14808-60-7 |
| | OSHA specifically regulated carcinogen<br>Quartz RCS (respirable crystalline silica)<br>(crystalline silica) | 14808-60-7 |
| | OSHA specifically regulated carcinogen<br>silicon dioxide<br>(crystalline silica) | 7631-86-9 |
| **NTP** | Known to be human carcinogen<br>Quartz (SiO2)<br>(Silica, Crystalline (Respirable Size)) | 14808-60-7 |
| | Known to be human carcinogen<br>Quartz RCS (respirable crystalline silica)<br>(Silica, Crystalline (Respirable Size)) | 14808-60-7 |

**Reproductive toxicity**

Not classified due to lack of data.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Causes damage to organs (Lungs) through prolonged or repeated exposure.
Prolonged exposure can cause silicosis.

**Aspiration toxicity**

Not classified due to lack of data.

**Further information**

**Product:**

Quartz (14808-60-7): This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

## 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 | : | Do not empty into drains; dispose of this material and its container in a safe way. |

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

| | | |
|---|---|---|
| Waste from residues | : | 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. |
| Contaminated packaging | : | Empty containers should be taken to an approved waste handling site for recycling or disposal. |

## SECTION 14. TRANSPORT INFORMATION

**International Regulations**

**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.

**Domestic regulation**

**TDG**

Not regulated as a dangerous good

**Special precautions for user**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Canadian lists

No substances are subject to a Significant New Activity Notification.

## SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

| | | |
|---|---|---|
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
| CA AB OEL | : | Canada. Alberta, Occupational Health and Safety Code (table 2: OEL) |
| CA BC OEL | : | Canada. British Columbia OEL |
| CA ON OEL | : | Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act. |
| CA QC OEL | : | Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants |
| ACGIH / TWA | : | 8-hour, time-weighted average |
| CA AB OEL / TWA | : | 8-hour Occupational exposure limit |
| CA BC OEL / TWA | : | 8-hour time weighted average |
| CA BC OEL / STEL | : | short-term exposure limit |
| CA ON OEL / TWA | : | Time-Weighted Average Limit (TWA) |
| CA QC OEL / TWAEV | : | Time-weighted average exposure value |
| ADR | : | Accord européen relatif au transport international des marchandises Dangereuses par Route |
| 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 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 Reg- |

| | | |
|---|---|---|
| | | istration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC | : | Substances of Very High Concern |
| vPvB | : | Very persistent and very bioaccumulative |

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| | | |
|---|---|---|
| Revision Date | : | 07/17/2025 |
| Date format | : | mm/dd/yyyy |
| Person who prepared the SDS | : | R & D of Sika Canada Inc. |
| Material number | : | 697,342 |

CA / Z8