# Sikadur®-31 SBA Slow Set (70-90 °F) Part B

Revision Date 10/21/2026 Print Date 10/21/2026

## SECTION 1. IDENTIFICATION

| | | |
|---|---|---|
| Product name | : | Sikadur®-31 SBA Slow Set (70-90 °F) Part B |
| Other means of identification | : | No data available |
| Company name | : | Sika Canada Inc.<br>601, avenue Delmar<br>Pointe-Claire, QC H9R 4A9<br>Canada<br>www.sika.ca |
| Telephone | : | (514) 697-2610 / 1 (800) 933-7452 |
| E-mail address | : | ehs@ca.sika.com |
| Emergency telephone | : | (24/7 – International & Local)<br>English service: +1 866 519 4752<br>French service: +1 760 476 3961<br>3E GIR Access Code: 17138 |
| 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 |
| Skin sensitization | : | Sub-category 1B |
| Carcinogenicity (Inhalation) | : | Category 1A |
| Specific target organ toxicity - single exposure | : | Category 3 (Respiratory system) |
| Specific target organ toxicity - repeated exposure | : | Category 1 (Lungs) |
| Specific target organ toxicity - repeated exposure (Oral) | : | Category 2 |

### GHS label elements

# Sikadur®-31 SBA Slow Set (70-90 °F) Part B



Hazard pictograms :

Signal Word : Danger

Hazard Statements : H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H350 May cause cancer by inhalation.
H372 Causes damage to organs (Lungs) through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure if swallowed.

Supplemental Hazard Statements : Corrosive to the respiratory tract.

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 mist or vapors.
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.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye protection, face 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 or a 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 or a doctor.
P308 + P313 IF exposed or concerned: Get medical advice or attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice or 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.
P405 Store locked up.

**Disposal:**

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

**Additional Labeling**

No data available

**Other hazards**

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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 | >= 60 - <= 80 |
| Polyoxypropylene diamine | 9046-10-0 | Skin Corr. 1C; H314, EUH071<br>Eye Dam. 1; H318 | >= 10 - <= 30 |
| 4,4'-methylenebis(cyclohexylamine) | 1761-71-3 | Acute Tox. 4; H302<br>Skin Corr. 1B; H314<br>Eye Dam. 1; H318<br>Skin Sens. 1B; H317<br>STOT RE 2; H373 | >= 1 - <= 5 |

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 safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.
Consult a physician after significant exposure.

Keep comfortable for breathing.

| | | |
|---|---|---|
| In case of skin contact | : | Take off contaminated clothing and shoes immediately.<br>Wash off with soap and plenty of water.<br>Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.<br><br>Wash contaminated clothing before reuse.<br>If skin irritation occurs: Get medical advice or attention. |
| In case of eye contact | : | Small amounts splashed into eyes can cause irreversible tissue damage and blindness.<br>In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>Continue rinsing eyes during transport to hospital.<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 induce vomiting without medical advice.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>Take victim immediately to hospital. |
| Most important symptoms and effects, both acute and delayed | : | May cause an allergic skin reaction.<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.<br>Health injuries may be delayed.<br>corrosive effects<br>sensitizing effects<br>Allergic reactions<br>Dermatitis |
| Notes to physician | : | Treat symptomatically. |

## SECTION 5. FIREFIGHTING MEASURES

| | | |
|---|---|---|
| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | : | No data available |
| Hazardous combustion products | : | No hazardous combustion products are known |
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains. |

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.
Deny access to unprotected persons.
For further information refer to section 8.

Environmental precautions : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

## SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : 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 sensitization 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.

Contaminated work clothing must not be allowed out of the workplace.
Do not breathe mist or vapors.
Wash skin thoroughly after handling.
Wear protective gloves, protective clothing, eye protection, face protection.

Conditions for safe storage : Store in original container.
Keep in a well-ventilated place.

Observe label precautions.
Store in accordance with local regulations.

Store locked up.

Materials to avoid : Explosives
Oxidizing agents
Poisonous gases
Dangerous when wet
Flammable solids
Organic peroxides
Poisonous liquids
Spontaneously Combustible Substances

## 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 |
| 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 fraction) | 3 mg/m3 | CA BC OEL |
| | | STEL | 20 mg/m3 | CA BC OEL |

**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 process 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.

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.
Wash hands before breaks and immediately after handling the product.
Remove contaminated clothing and protective equipment before entering eating areas.

Wash thoroughly after handling.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Appearance | : | paste |
| Color | : | dark gray |
| Odor | : | amine-like |
| Odor Threshold | : | No data available |
| pH | : | Not applicable |
| Melting point/ range / Freezing point | : | No data available |
| Boiling point/boiling range | : | No data available |
| Flash point | : | > 100 °C (> 212 °F)<br>(Method: closed cup) |
| Evaporation rate | : | No data available |
| Flammability (solid, gas) | : | No data available |
| Flammability (liquids) | : | No data available |
| Upper explosion limit / Upper flammability limit | : | No data available |
| Lower explosion limit / Lower flammability limit | : | No data available |
| Vapor pressure | : | 0.01 hpa |
| Relative vapor density | : | No data available |
| Density | : | 1.99 g/cm3 (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 |
| Autoignition temperature | : | No data available |
| Decomposition temperature | : | No data available |

| | | |
|---|---|---|
| Viscosity | | |
| Viscosity, dynamic | : | No data available |
| Viscosity, kinematic | : | > 20.5 mm2/s ( 40 °C (104 °F)) |
| Explosive properties | : | No data available |
| Oxidizing properties | : | No data available |
| Particle characteristics | | |
| Particle size | : | No data available |
| Particle Size Distribution | : | No data available |
| Volatile organic compounds (VOC) content | : | 1.3 g/l<br>A+B Combined |

## 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 hazardous decomposition products are known. |

## SECTION 11. TOXICOLOGICAL INFORMATION

**Likely routes of exposure and symptoms related to physical, chemical, and toxicological characteristics**

| | |
|---|---|
| **Inhalation** | Likely route of exposure. May cause cancer by inhalation. May cause damage to organs through prolonged or repeated exposure if inhaled. Corrosive effects |
| **Eyes** | Likely route of exposure via accidental contact. Causes serious eye damage. Excessive lachrymation. |
| **Skin** | Main route of exposure via direct contact. Causes skin burns. May cause an allergic skin reaction. Dermatitis. Sensitising effects. |

| | |
|---|---|
| **Ingestion** | No data available |

**Delayed, immediate, and chronic effects**

**Short-term exposure**

| | |
|---|---|
| **Immediate effects** | Immediate irritation to the skin. Immediate irritation to the eyes. |
| **Delayed effects** | Symptoms of an allergic reaction may be delayed several hours or days after exposure. |

**Long-term exposure**

| | |
|---|---|
| **Immediate effects** | No data available |
| **Delayed effects** | May cause organ damage through prolonged or repeated exposure. |

**Acute toxicity**

Not classified based on available information.

**Product:**

| | | |
|---|---|---|
| Acute oral toxicity | : | Acute toxicity estimate: > 2,000 mg/kg<br>Method: Calculation method |
| Acute dermal toxicity | : | Acute toxicity estimate: > 2,000 mg/kg<br>Method: Calculation method |

**Components:**

**Polyoxypropylene diamine:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 Oral (Rat): 2,880 mg/kg |

**4,4'-methylenebis(cyclohexylamine):**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 Oral (Rat): 380 mg/kg |
| Acute dermal toxicity | : | LD50 Dermal (Rabbit): 2,110 mg/kg |

**Skin corrosion/irritation**

Causes severe burns.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitization**

**Skin sensitization**

May cause an allergic skin reaction. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Respiratory sensitization**

Not classified based on available information.

**Components:**

**4,4'-methylenebis(cyclohexylamine):**

| | | |
|---|---|---|
| Test Type | : | Buehler Test |
| Assessment | : | The product is a skin sensitizer, sub-category 1B. |
| Result | : | The product is a skin sensitizer, sub-category 1B. |

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

May cause cancer by inhalation.

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

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

Corrosive to the respiratory tract.

**STOT-repeated exposure**

Causes damage to organs (Lungs) through prolonged or repeated exposure.
May cause damage to organs through prolonged or repeated exposure if swallowed.

**Aspiration toxicity**

Not classified based on available information.

**Further information**

**Product:**

Quartz (14808-60-7): This classification is relevant when ex-

posed 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**

**Components:**

**Polyoxypropylene diamine:**

| | | |
|---|---|---|
| Toxicity to algae/aquatic plants | : | EC50 (Pseudokirchneriella subcapitata (algae)): 15 mg/l |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | EC50 (Daphnia magna (Water flea)): 80 mg/l<br>Exposure time: 48 h |

**4,4'-methylenebis(cyclohexylamine):**

| | | |
|---|---|---|
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | EC50 (Daphnia magna (Water flea)): 6.84 mg/l<br>Exposure time: 48 h |

**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.<br>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |

## 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**

| | | |
|---|---|---|
| UN/ID No. | : | UN 3263 |
| Proper shipping name | : | Corrosive solid, basic, organic, n.o.s. (Polyoxypropylene diamine, 4,4'-methylenebis(cyclohexylamine)) |
| Class | : | 8 |
| Packing group | : | III |
| Labels | : | Corrosive |
| Packing instruction (cargo aircraft) | : | 864 |
| Packing instruction (passenger aircraft) | : | 860 |

**IMDG-Code**

| | | |
|---|---|---|
| UN number | : | UN 3263 |
| Proper shipping name | : | CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Polyoxypropylene diamine, 4,4'-methylenebis(cyclohexylamine)) |
| Class | : | 8 |
| Packing group | : | III |
| Labels | : | 8 |
| EmS Code | : | F-A, S-B |
| Marine pollutant | : | no |

**Domestic regulation**

**TDG**

| | | |
|---|---|---|
| UN number | : | UN 3263 |
| Proper shipping name | : | CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Diaminopolypropylene glycol, 4,4'-methylenebis(cyclohexylamine)) |
| Class | : | 8 |
| Packing group | : | III |
| Labels | : | 8 |
| ERG Code | : | 154 |
| Marine pollutant | : | no |

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

# Sikadur®-31 SBA Slow Set (70-90 °F) Part B



## SECTION 15. REGULATORY INFORMATION

**Canadian lists**

The following substance(s) is/are subject to a Significant New Activity Notification:

| | |
|---|---|
| propylene oxide | 75-56-9 |

No substances are subject to CEPA Section 84 Ministerial Conditions.

## 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 |

# Sikadur®-31 SBA Slow Set (70-90 °F) Part B



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

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| | | |
|---|---|---|
| Revision Date | : | 10/21/2026 |
| Date format | : | mm/dd/yyyy |
| Person who prepared the SDS | : | R & D of Sika Canada Inc. |
| Material number | : | 506,230 |

CA / Z8