

# SAFETY DATA SHEET

## FS LIMESTONE COL MED



Version 2.0      Revision Date: 11/02/2021      SDS Number: 000000261558      Date of last issue: 09/29/2020  
Date of first issue: 09/29/2020

---

### SECTION 1. IDENTIFICATION

Product name : FS LIMESTONE COL MED  
Product code : 00000000050002455  
Other means of identification : No data available

#### Manufacturer or supplier's details

Company name of supplier : Sika MBCC Canada, Inc.  
Address : 601 DELMAR AVE  
Pointe-Claire QC H9R 4A9  
Emergency telephone : ChemTel: +1-813-248-0585;

#### Recommended use of the chemical and restrictions on use

Recommended use : Adhesives  
Restrictions on use : Reserved for industrial and professional use.

---

### SECTION 2. HAZARDS IDENTIFICATION

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

Carcinogenicity (Inhalation) : Category 1A  
Specific target organ toxicity : Category 1 (Lungs)  
- repeated exposure (Inhalation)  
Specific target organ toxicity : Category 2 (Kidney, Immune system)  
- repeated exposure (Inhalation)

#### GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H350 May cause cancer by inhalation.  
H372 Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.  
H373 May cause damage to organs (Kidney, Immune system) through prolonged or repeated exposure if inhaled.

# SAFETY DATA SHEET

## FS LIMESTONE COL MED



Version 2.0      Revision Date: 11/02/2021      SDS Number: 000000261558      Date of last issue: 09/29/2020  
Date of first issue: 09/29/2020

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.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

**Storage:**  
P405 Store locked up.

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

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture  
Chemical nature : acrylic resin

### Components

| Chemical name      | Common Name/Synonym        | CAS-No.    | Concentration (% w/w) |
|--------------------|----------------------------|------------|-----------------------|
| crystalline silica | Quartz (SiO <sub>2</sub> ) | 14808-60-7 | >= 50 - < 70          |
| Limestone          | Calcium carbonate          | 1317-65-3  | >= 10 - < 20          |
| Titanium dioxide   | C.I. Pigment White 6       | 13463-67-7 | >= 1 - < 5            |

Actual concentration is withheld as a trade secret

## SECTION 4. FIRST AID MEASURES

General advice : First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled : If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

In case of skin contact : After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

# SAFETY DATA SHEET

## FS LIMESTONE COL MED



Version 2.0      Revision Date: 11/02/2021      SDS Number: 000000261558      Date of last issue: 09/29/2020  
Date of first issue: 09/29/2020

---

- In case of eye contact : Remove contact lenses, if present.  
Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.  
Do NOT induce vomiting.
- Most important symptoms and effects, both acute and delayed : May cause cancer by inhalation.  
Causes damage to organs through prolonged or repeated exposure if inhaled.  
Prolonged or repeated inhalation of respirable crystalline silica (quartz) may result in silicosis.
- Notes to physician : Treat symptomatically.
- 

### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : water jet
- Specific hazards during fire fighting : See SDS section 10 - Stability and reactivity.
- Hazardous combustion products : harmful vapours  
nitrogen oxides  
fumes/smoke  
carbon black  
carbon oxides
- Further information : The degree of risk is governed by the burning substance and the fire conditions.  
If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.  
Contaminated extinguishing water must be disposed of in accordance with official regulations.
- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.
- 

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Do not breathe vapour/aerosol/spray mists.  
Wear eye/face protection.  
If exposed to high vapour concentration, leave area immediately.
-

# SAFETY DATA SHEET

## FS LIMESTONE COL MED



Version 2.0      Revision Date: 11/02/2021      SDS Number: 000000261558      Date of last issue: 09/29/2020  
Date of first issue: 09/29/2020

Use personal protective clothing.  
Handle in accordance with good building materials hygiene and safety practice.

- Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Large spills should be collected mechanically (remove by pumping) for disposal.  
Pick up with inert absorbent material (e.g. sand, earth etc.).  
Spilled product should be disposed in accordance with all applicable government regulations.

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapors/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.  
Protect from direct sunlight.
- Recommended storage temperature : > 4 °C
- Further information on storage stability : PROTECT FROM FREEZING DURING THE COLD-SEASON (BELOW 40°F / 5°C ).

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

| Components         | CAS-No.    | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis     |
|--------------------|------------|-------------------------------|--|-----------|
| crystalline silica | 14808-60-7 | TWA (Respirable particulates) | 0.025 mg/m <sup>3</sup>                        | CA AB OEL |
|                    |            | TWA (Respirable fraction)     | 0.1 mg/m <sup>3</sup>                          | CA ON OEL |
|                    |            | TWAEV (respirable dust)       | 0.1 mg/m <sup>3</sup>                          | CA QC OEL |

# SAFETY DATA SHEET

## FS LIMESTONE COL MED



Version 2.0      Revision Date: 11/02/2021      SDS Number: 000000261558      Date of last issue: 09/29/2020  
 Date of first issue: 09/29/2020

|                  |            |                                     |                             |           |
|------------------|------------|-------------------------------------|-----------------------------|-----------|
|                  |            | TWA (Respirable)                    | 0.025 mg/m3 (Silica)        | CA BC OEL |
|                  |            | TWA (Respirable particulate matter) | 0.025 mg/m3 (Silica)        | 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 |
| Titanium dioxide | 13463-67-7 | TWA                                 | 10 mg/m3                    | CA AB OEL |
|                  |            | TWA (Total dust)                    | 10 mg/m3                    | CA BC OEL |
|                  |            | TWA (respirable dust fraction)      | 3 mg/m3                     | CA BC OEL |
|                  |            | TWAEV (total dust)                  | 10 mg/m3                    | CA QC OEL |
|                  |            | TWA                                 | 10 mg/m3 (Titanium dioxide) | ACGIH     |

**Engineering measures** : Ensure adequate ventilation.

### Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.

Hand protection

Remarks : Wear chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Wear safety glasses with side shields or goggles.

Skin and body protection : Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

Protective measures : Do not inhale gases/vapours/aerosols.  
 Avoid contact with the skin, eyes and clothing.  
 Avoid exposure - obtain special instructions before use.  
 Handle in accordance with good building materials hygiene and safety practice.  
 Wearing of closed work clothing is recommended.

Hygiene measures : When using, do not eat, drink or smoke.  
 Hands and/or face should be washed before breaks and at the end of the shift.

# SAFETY DATA SHEET

## FS LIMESTONE COL MED



Version 2.0      Revision Date: 11/02/2021      SDS Number: 000000261558      Date of last issue: 09/29/2020  
Date of first issue: 09/29/2020

---

At the end of the shift the skin should be cleaned and skin-care agents applied.  
Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.  
Gloves must be inspected regularly and prior to each use.  
Replace if necessary (e.g. pinhole leaks).

---

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |   |   |
|--|---|---|
| Appearance                                       | : | viscous liquid  |
| Color  | : | white to light beige  |
| Odor   | : | like acrylic  |
| Odor Threshold                                   | : | not determined  |
| pH   | : | approx. 9 - 10 (23 °C)  |
| Melting point                                    | : | No data available   |
| Freezing point                                   | : | No data available   |
| Boiling point                                    | : | No data available   |
| Flash point                                      | : | A flash point determination is unnecessary due to the high water content. |
| Evaporation rate                                 | : | No data available   |
| Flammability (liquids)                           | : | The product is not flammable.   |
| 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   |
| Relative density                                 | : | No data available   |
| Density  | : | approx. 1.8 g/cm <sup>3</sup> (20 °C)                                     |
| Solubility(ies)                                  | : |   |
| Water solubility                                 | : | soluble (20 °C)   |
| Solubility in other solvents                     | : | No data available   |

# SAFETY DATA SHEET

## FS LIMESTONE COL MED



Version 2.0      Revision Date: 11/02/2021      SDS Number: 000000261558      Date of last issue: 09/29/2020  
Date of first issue: 09/29/2020

---

Partition coefficient: n-octanol/water : Not applicable

Autoignition temperature : Based on the water content the product does not ignite.

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity

    Viscosity, dynamic : No data available

    Viscosity, kinematic : No data available

Explosive properties : Not explosive

Oxidizing properties : Not an oxidizer.

Sublimation point : No data available

Molecular weight : Not applicable

Metal corrosion rate : Corrosive effects to metal are not anticipated.

---

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability : The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions : The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Strong acids  
Strong bases  
Strong oxidizing agents  
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

---

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

# SAFETY DATA SHEET

## FS LIMESTONE COL MED



Version 2.0      Revision Date: 11/02/2021      SDS Number: 000000261558      Date of last issue: 09/29/2020  
Date of first issue: 09/29/2020

---

### Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### Respiratory sensitization

Not classified based on available information.

### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

May cause cancer by inhalation.

|             |   |            |
|-------------|---|------------|
| <b>IARC</b> | Group 1: Carcinogenic to humans<br>crystalline silica<br>(Silica dust, crystalline) | 14808-60-7 |
|             | Group 2B: Possibly carcinogenic to humans<br>Titanium dioxide                       | 13463-67-7 |

### Reproductive toxicity

Not classified based on available information.

### STOT-single exposure

Not classified based on available information.

### STOT-repeated exposure

Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.  
May cause damage to organs (Kidney, Immune system) through prolonged or repeated exposure if inhaled.

### Aspiration toxicity

Not classified based on available information.

### Further information

#### Product:

Remarks : Health injuries are not known or expected under normal use.  
The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

---

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

#### Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.



# SAFETY DATA SHEET

## FS LIMESTONE COL MED



Version 2.0      Revision Date: 11/02/2021      SDS Number: 000000261558      Date of last issue: 09/29/2020  
Date of first issue: 09/29/2020

---

### **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 discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

---

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal methods**

Waste from residues : Dispose of in accordance with national, state and local regulations. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

---

## **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.

### **Domestic regulation**

#### **TDG**

Not regulated as a dangerous good

### **Special precautions for user**

Not applicable

# SAFETY DATA SHEET

## FS LIMESTONE COL MED



Version            Revision Date:            SDS Number:            Date of last issue: 09/29/2020  
2.0                11/02/2021                000000261558            Date of first issue: 09/29/2020

---

### SECTION 15. REGULATORY INFORMATION

**The ingredients of this product are reported in the following inventories:**

- TSCA                                : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.
- DSL                                    : All components of this product are on the Canadian DSL
- 

### 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 / TWA EV                : Time-weighted average exposure value

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No

# SAFETY DATA SHEET

## FS LIMESTONE COL MED



|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 09/29/2020  |
| 2.0     | 11/02/2021     | 000000261558 | Date of first issue: 09/29/2020 |

---

1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Revision Date : 11/02/2021  
Date format : mm/dd/yyyy

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

CA / EN