



Version  
1.3

Revision Date:  
10/16/2017

SDS Number:  
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**SECTION 1. IDENTIFICATION**

Product name : SikaGrout®-212 HP

**Manufacturer or supplier's details**

Company name : 601, avenue Delmar  
Canada  
Pointe-Claire, QC H9R 4A9  
Sika Canada Inc.  
www.sika.ca

Telephone : (514) 697-2610 / 1 (800) 933-7452

Telefax : (514) 694-2792

Health and Safety Services's 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.

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**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

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

**GHS label elements**

Hazard pictograms : 

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|                          |  |
|--------------------------|--|
| Signal Word              | : Danger   |
| Hazard Statements        | : H314 Causes severe skin burns and eye damage.<br>H317 May cause an allergic skin reaction.<br>H335 May cause respiratory irritation.<br>H350i May cause cancer by inhalation.<br>H372 Causes damage to organs (Lungs) through prolonged or repeated exposure.  |
| Precautionary Statements | : <b>Prevention:</b><br>P201 Obtain special instructions before use.<br>P202 Do not handle until all safety precautions have been read and understood.<br>P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.<br>P264 Wash skin thoroughly after handling.<br>P270 Do not eat, drink or smoke when using this product.<br>P271 Use only outdoors or in a well-ventilated area.<br>P272 Contaminated work clothing must not be allowed out of the workplace.<br>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br><b>Response:</b><br>P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.<br>P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.<br>P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.<br>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.<br>P308 + P313 IF exposed or concerned: Get medical advice/ attention.<br>P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.<br>P362 + P364 Take off contaminated clothing and wash it before reuse.<br><b>Storage:</b><br>P403 + P233 Store in a well-ventilated place. Keep container tightly closed.<br>P405 Store locked up.<br><b>Disposal:</b><br>P501 Dispose of contents/ container to an approved waste disposal plant. |

### Other hazards

None known.

### Supplemental information

If product is in liquid or paste form, physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes.

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| Chemical name                   | CAS-No.    | Concentration (% w/w) |
|---------------------------------|------------|-----------------------|
| Quartz (SiO <sub>2</sub> )      | 14808-60-7 | >= 30 - < 40          |
| Portland cement                 | 65997-15-1 | >= 30 - < 40          |
| Calcium oxide                   | 1305-78-8  | >= 1 - < 2            |
| Quartz (SiO <sub>2</sub> ) <5µm | 14808-60-7 | >= 0.1 - < 1          |

**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 and effects, both acute and delayed : Health injuries may be delayed.  
corrosive effects  
irritant effects  
sensitizing effects  
carcinogenic effects  
Cough  
Respiratory disorder  
Allergic reactions  
Dermatitis  
See Section 11 for more detailed information on health effects and symptoms.  
May cause an allergic skin reaction.  
Causes serious eye damage.



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May cause respiratory irritation.  
May cause cancer by inhalation.  
Causes damage to organs through prolonged or repeated exposure.  
Causes severe burns.

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.
- 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.  
Avoid breathing dust.  
Deny access to unprotected persons.
- 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 : Pick up and arrange disposal without creating dust.  
Keep in suitable, closed containers for disposal.
- 

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
- Advice on safe handling : Avoid formation of respirable particles.  
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 ap-
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plication area.  
Follow standard hygiene measures when handling chemical products.

Conditions for safe storage : Prevent unauthorized access.  
Store in original container.  
Keep in a well-ventilated place.  
Observe label precautions.  
Store in accordance with local regulations.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

| Ingredients                | CAS-No.    | Value type<br>(Form of exposure)      | Control parameters / Permissible concentration | Basis     |
|----------------------------|------------|---------------------------------------|--|-----------|
| Quartz (SiO <sub>2</sub> ) | 14808-60-7 | TWA (Respirable fraction)             | 0.1 mg/m <sup>3</sup>                          | CA ON OEL |
|                            |            | TWA (Respirable particulates)         | 0.025 mg/m <sup>3</sup>                        | CA AB OEL |
|                            |            | TWAEV (respirable dust)               | 0.1 mg/m <sup>3</sup>                          | CA QC OEL |
|                            |            | TWA (Respirable)<br>(Silica)          | 0.025 mg/m <sup>3</sup>                        | CA BC OEL |
|                            |            | TWA (Respirable fraction)<br>(Silica) | 0.025 mg/m <sup>3</sup>                        | ACGIH     |
| Portland cement            | 65997-15-1 | TWA                                   | 10 mg/m <sup>3</sup>                           | CA AB OEL |
|                            |            | TWAEV (respirable dust)               | 5 mg/m <sup>3</sup>                            | CA QC OEL |
|                            |            | TWAEV (total dust)                    | 10 mg/m <sup>3</sup>                           | CA QC OEL |
|                            |            | TWA (Respirable)                      | 1 mg/m <sup>3</sup>                            | CA BC OEL |
|                            |            | TWA (Respirable fraction)             | 1 mg/m <sup>3</sup>                            | ACGIH     |
| aluminium oxide            | 1344-28-1  | TWA                                   | 10 mg/m <sup>3</sup>                           | CA AB OEL |
|                            |            | TWA (Respirable)                      | 1 mg/m <sup>3</sup>                            | CA BC OEL |
|                            |            | TWAEV (total dust)<br>(Aluminum)      | 10 mg/m <sup>3</sup>                           | CA QC OEL |
|                            |            | TWA (Respirable fraction)             | 1 mg/m <sup>3</sup>                            | ACGIH     |
| fumes, silica              | 69012-64-2 | TWA (Total fume)                      | 4 mg/m <sup>3</sup>                            | CA BC OEL |
|                            |            | TWA (Res-                             | 1.5 mg/m <sup>3</sup>                          | CA BC OEL |

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|                                 |            |                                  |                                  |           |
|---------------------------------|------------|----------------------------------|----------------------------------|-----------|
|                                 |            | pirable fume)                    |                                  |           |
|                                 |            | TWA (Respirable fraction - fume) | 2 mg/m <sup>3</sup>              | CA ON OEL |
|                                 |            | TWAEV (Respirable fume)          | 2 mg/m <sup>3</sup>              | CA QC OEL |
| diiron trioxide                 | 1309-37-1  | TWA (Respirable)                 | 5 mg/m <sup>3</sup>              | CA AB OEL |
|                                 |            | TWA (Fumes)                      | 5 mg/m <sup>3</sup> (Iron)       | CA BC OEL |
|                                 |            | TWA (Dust)                       | 5 mg/m <sup>3</sup> (Iron)       | CA BC OEL |
|                                 |            | STEL (Fumes)                     | 10 mg/m <sup>3</sup> (Iron)      | CA BC OEL |
|                                 |            | TWAEV (fume and dust)            | 5 mg/m <sup>3</sup> (Iron)       | CA QC OEL |
|                                 |            | TWA (Respirable fraction)        | 5 mg/m <sup>3</sup>              | ACGIH     |
| Calcium oxide                   | 1305-78-8  | TWA                              | 2 mg/m <sup>3</sup>              | CA AB OEL |
|                                 |            | TWA                              | 2 mg/m <sup>3</sup>              | CA BC OEL |
|                                 |            | TWAEV                            | 2 mg/m <sup>3</sup>              | CA QC OEL |
|                                 |            | TWA                              | 2 mg/m <sup>3</sup>              | ACGIH     |
| Quartz (SiO <sub>2</sub> ) <5µm | 14808-60-7 | TWA (Respirable fraction)        | 0.1 mg/m <sup>3</sup>            | CA ON OEL |
|                                 |            | TWA (Respirable particulates)    | 0.025 mg/m <sup>3</sup>          | CA AB OEL |
|                                 |            | TWAEV (respirable dust)          | 0.1 mg/m <sup>3</sup>            | CA QC OEL |
|                                 |            | TWA (Respirable)                 | 0.025 mg/m <sup>3</sup> (Silica) | CA BC OEL |
|                                 |            | TWA (Respirable fraction)        | 0.025 mg/m <sup>3</sup> (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 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 max-

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imum 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

Remarks : 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.  
Avoid breathing dust.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : powder

Color : gray

Odor : none

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 : Not applicable

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

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Vapor pressure : No data available  
Relative vapor density : No data available  
Density : Not applicable  
Solubility(ies)  
Water solubility : insoluble  
Partition coefficient: n-  
octanol/water : No data available  
Autoignition temperature : No data available  
Decomposition temperature : No data available  
Viscosity, dynamic : No data available  
Viscosity, dynamic : No data available  
Explosive properties : No data available  
Molecular weight : No data available

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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 reac-  
tions : Stable under recommended storage conditions.  
Conditions to avoid : No data available  
Incompatible materials : No data available  
No decomposition if stored and applied as directed.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### **Acute toxicity**

Not classified based on available information.

#### **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.

Respiratory sensitization: Not classified based on available information.





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**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

May cause cancer by inhalation.

**IARC**

Group 1: Carcinogenic to humans

Quartz (SiO<sub>2</sub>) 14808-60-7

Quartz (SiO<sub>2</sub>) <5µm 14808-60-7

**NTP**

Known to be human carcinogen

Quartz (SiO<sub>2</sub>) 14808-60-7

Quartz (SiO<sub>2</sub>) <5µm 14808-60-7

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Causes damage to organs (Lungs) through prolonged or repeated exposure.

**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

: 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

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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.

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### SECTION 14. TRANSPORT INFORMATION

#### Domestic regulation

##### TDG (road/train)

Not dangerous goods

#### International Regulations

##### IATA-DGR

Not dangerous goods

##### IMDG-Code

Not dangerous goods

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

Not applicable for product as supplied.

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### SECTION 15. REGULATORY INFORMATION

#### Canadian lists

No substances are subject to a Significant New Activity Notification.

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### SECTION 16. OTHER INFORMATION

Revision Date : 10/16/2017

Prepared by : R & D of Sika Canada Inc.

#### Notice to Reader:

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All sales of Sika products are subject to its current terms and conditions of sale available at [www.sika.ca](http://www.sika.ca) or 514-697-2610.

### Full text of other abbreviations

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

CA / Z8