

# SAFETY DATA SHEET



Revision Date 01-Mar-2017

Version 1

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name Limestone  
Product code 011094197

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Restricted to professional users  
Restrictions on use No information available  
Uses advised against Not suitable for use in homemaker (DIY) applications

### 1.3 Details of the supplier of the safety data sheet

Supplier Dryvit Systems Canada  
129 Ringwood Drive  
Stouffville, ON  
L4A 8C1

E-mail Address ehs@dryvit.com

### 1.4 Emergency telephone number

Emergency telephone number Chemtrec: +1 703-527-3887 ex-USA  
Chemtrec: 1-800-424-9300 USA

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

|                 |             |
|-----------------|-------------|
| Carcinogenicity | Category 1A |
|-----------------|-------------|

### 2.2 Label elements

**Signal Word**  
Danger

**Hazard Statements**  
May cause cancer

**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store in accordance with local regulations

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**2.3. Other Hazards Hazards not otherwise classified (HNOC)**

Not Applicable

**2.4 Other information**

Not Applicable

### 3. Composition/Information on Ingredients

**Substance****Mixture**

| Chemical Name                            | CAS-No     | Weight % |
|------------------------------------------|------------|----------|
| Crystalline silica (Quartz) (Respirable) | 14808-60-7 | 50 - 60% |
| Calcium carbonate (Limestone)            | 1317-65-3  | 20 - 30% |
| Titanium dioxide                         | 13463-67-7 | 0 - 10%  |
| Propylene glycol                         | 57-55-6    | 0 - 10%  |
| Amorphous Silica                         | 7631-86-9  | 0 - 10%  |
| Aluminium Hydroxide                      | 21645-51-2 | 0 - 10%  |
| Iron oxide                               | 1309-37-1  | 0 - 10%  |
| ALUMINUM OXIDE                           | 1344-28-1  | 0 - 10%  |

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

### 4. First aid measures

**4.1 Description of first-aid measures**

|                       |                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b> | If symptoms persist, call a physician.                                                                                                                                                |
| <b>Eye contact</b>    | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if irritation develops or persists. |
| <b>Skin contact</b>   | Immediate medical attention is not required. Call a physician if irritation develops or persists.                                                                                     |
| <b>Inhalation</b>     | Immediate medical attention is not required. Get medical attention if symptoms occur. Call a physician if irritation develops or persists.                                            |

**Ingestion** If swallowed, do not induce vomiting - seek medical advice.

#### **4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

**Notes to physician** No information available.

### **5. Fire-Fighting Measures**

#### **5.1 Extinguishing media**

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None.

#### **5.2 Special hazards arising from the substance or mixture**

**Special Hazard**

No information available.

**Hazardous Combustion Products** No information available.

**Explosion Data**

**Sensitivity to Mechanical Impact** No information available.

**Sensitivity to Static Discharge** No information available.

#### **5.3 Advice for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### **6. Accidental Release Measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill.

#### **6.2 Environmental precautions**

Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological information.

#### **6.3 Methods and materials for containment and cleaning up**

**Methods for Containment** Spills and leaks are not likely. Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

### **7. Handling and storage**

#### **7.1 Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

**7.2 Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Store in accordance with local regulations. Keep from freezing.

**Materials to Avoid**

Strong oxidizing agents. Strong acids. Strong bases.

**8. Exposure controls/personal protection****8.1 Exposure Guidelines**

| Chemical Name                                             | ACGIH TLV                                           | OSHA PEL                                                                                                                                                                                                                       | British Columbia                                                                                                | Alberta                      | Quebec                                                | Ontario TWAEV                                                          |
|-----------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|------------------------------------------------------------------------|
| Crystalline silica<br>(Quartz) (Respirable)<br>14808-60-7 | TWA: 0.025 mg/m <sup>3</sup><br>respirable fraction | : (30)/(%SiO <sub>2</sub> + 2)<br>mg/m <sup>3</sup> TWA total<br>dust<br>: (250)/(%SiO <sub>2</sub> +<br>5) mppcf TWA<br>respirable fraction<br>: (10)/(%SiO <sub>2</sub> + 2)<br>mg/m <sup>3</sup> TWA<br>respirable fraction | TWA: 0.025 mg/m <sup>3</sup>                                                                                    | TWA: 0.025 mg/m <sup>3</sup> | TWA: 0.1 mg/m <sup>3</sup>                            | TWA: 0.10 mg/m <sup>3</sup>                                            |
| Calcium carbonate<br>(Limestone)<br>1317-65-3             | -                                                   | TWA: 15 mg/m <sup>3</sup><br>total dust TWA: 5<br>mg/m <sup>3</sup> respirable<br>fraction                                                                                                                                     | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup><br>STEL: 20 mg/m <sup>3</sup>                             | TWA: 10 mg/m <sup>3</sup>    | TWA: 10 mg/m <sup>3</sup>                             |                                                                        |
| Titanium dioxide<br>13463-67-7                            | TWA: 10 mg/m <sup>3</sup>                           | TWA: 15 mg/m <sup>3</sup><br>total dust                                                                                                                                                                                        | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup>                                                           | TWA: 10 mg/m <sup>3</sup>    | TWA: 10 mg/m <sup>3</sup>                             | TWA: 10 mg/m <sup>3</sup>                                              |
| Propylene glycol<br>57-55-6                               | -                                                   | -                                                                                                                                                                                                                              |                                                                                                                 |                              |                                                       | TWA: 10 mg/m <sup>3</sup><br>TWA: 50 ppm<br>TWA: 155 mg/m <sup>3</sup> |
| Amorphous Silica<br>7631-86-9                             | -                                                   | TWA: 20 mppcf<br>: (80)/(% SiO <sub>2</sub> )<br>mg/m <sup>3</sup> TWA                                                                                                                                                         |                                                                                                                 |                              |                                                       |                                                                        |
| Aluminium Hydroxide<br>21645-51-2                         | TWA: 1 mg/m <sup>3</sup><br>respirable fraction     | -                                                                                                                                                                                                                              | TWA: 1.0 mg/m <sup>3</sup>                                                                                      |                              |                                                       | TWA: 1 mg/m <sup>3</sup>                                               |
| Iron oxide<br>1309-37-1                                   | TWA: 5 mg/m <sup>3</sup><br>respirable fraction     | TWA: 10 mg/m <sup>3</sup><br>fume<br>TWA: 15 mg/m <sup>3</sup><br>total dust TWA: 5<br>mg/m <sup>3</sup> respirable<br>fraction                                                                                                | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup> | TWA: 5 mg/m <sup>3</sup>     | TWA: 5 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup> | TWA: 5 mg/m <sup>3</sup>                                               |
| ALUMINUM OXIDE<br>1344-28-1                               | TWA: 1 mg/m <sup>3</sup><br>respirable fraction     | TWA: 15 mg/m <sup>3</sup><br>total dust TWA: 5<br>mg/m <sup>3</sup> respirable<br>fraction                                                                                                                                     | TWA: 1.0 mg/m <sup>3</sup>                                                                                      | TWA: 10 mg/m <sup>3</sup>    | TWA: 10 mg/m <sup>3</sup>                             | TWA: 1 mg/m <sup>3</sup>                                               |

**8.2 Appropriate engineering controls****Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**8.3 Individual protection measures, such as personal protective equipment****Eye/Face Protection**

If splashes are likely to occur, wear:. Tightly fitting safety goggles.

**Skin and body protection**

Wear protective gloves/ protective clothing.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene measures**

See section 7 for more information

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                |                |                |                                  |
|----------------|----------------|----------------|----------------------------------|
| Physical state | Liquid         |                |                                  |
| Appearance     | Viscous liquid | Color          | Off-white Gray or Colored liquid |
| Odor           | Faint          | Odor Threshold | No information available         |

| <u>Property</u>              | <u>Values</u>     | <u>Remarks • Methods</u> |
|------------------------------|-------------------|--------------------------|
| pH                           | >8                |                          |
| Melting/freezing point       |                   | No information available |
| Boiling point/boiling range  | > 100 °C          |                          |
| Flash Point                  | no data available | No information available |
| Evaporation rate             |                   |                          |
| Flammability (solid, gas)    |                   | No information available |
| Flammability Limits in Air   |                   |                          |
| upper flammability limit     |                   | No information available |
| lower flammability limit     |                   | No information available |
| Vapor pressure               |                   | No information available |
| Vapor density                |                   | No information available |
| Specific Gravity             | 0.96 - 1.80 g/cc  |                          |
| Water solubility             | Soluble in water  |                          |
| Solubility in other solvents |                   | No information available |
| Partition coefficient        |                   | No information available |
| Autoignition temperature     |                   |                          |
| Decomposition temperature    |                   |                          |
| Viscosity, kinematic         |                   | No information available |
| Viscosity, dynamic           |                   | No information available |
| Explosive properties         |                   | No information available |
| Oxidizing Properties         |                   | No information available |

### 9.2 Other information

|                                          |                    |
|------------------------------------------|--------------------|
| Volatile organic compounds (VOC) content | no data available  |
| Density                                  | 8.0 - 15.0 lbs/gal |

## 10. Stability and Reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

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### 10.2 Chemical stability

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to Avoid

Do not freeze. To avoid thermal decomposition, do not overheat.

### 10.5 Incompatible Materials

Strong oxidizing agents. Strong acids. Strong bases.

**10.6 Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating gases and vapors.

**11. Toxicological information****11.1 Acute toxicity****Numerical measures of toxicity: Product Information****Numerical measures of toxicity: Component Information**

| Chemical Name                                             | LD50 Oral           | LD50 Dermal              | LC50 Inhalation        |
|-----------------------------------------------------------|---------------------|--------------------------|------------------------|
| Crystalline silica (Quartz)<br>(Respirable)<br>14808-60-7 | 500 mg/kg ( Rat )   | -                        | -                      |
| Titanium dioxide<br>13463-67-7                            | 10000 mg/kg ( Rat ) | -                        | -                      |
| Propylene glycol<br>57-55-6                               | 20000 mg/kg ( Rat ) | = 20800 mg/kg ( Rabbit ) | -                      |
| Amorphous Silica<br>7631-86-9                             | 5000 mg/kg ( Rat )  | > 2000 mg/kg ( Rabbit )  | > 2.2 mg/L ( Rat ) 1 h |
| Aluminium Hydroxide<br>21645-51-2                         | 5000 mg/kg ( Rat )  | -                        | -                      |
| Iron oxide<br>1309-37-1                                   | 10000 mg/kg ( Rat ) | -                        | -                      |
| ALUMINUM OXIDE<br>1344-28-1                               | 5000 mg/kg ( Rat )  | -                        | -                      |

**11.2 Information on toxicological effects****Skin corrosion/irritation**Product Information

- No information available

Component Information

- No information available

**Serious eye damage/eye irritation**Product Information

- No information available

Component Information

- No information available

**Respiratory or skin sensitization**Product Information

- No information available

Component Information

- No information available

**Germ cell mutagenicity**Product Information

- No information available

Component Information

- No information available

**Carcinogenicity**Product Information

- The table below indicates whether each agency has listed any ingredient as a carcinogen

Component Information

-

| Chemical Name                                             | ACGIH | IARC     | NTP   | OSHA |
|-----------------------------------------------------------|-------|----------|-------|------|
| Crystalline silica (Quartz)<br>(Respirable)<br>14808-60-7 | A2    | Group 1  | Known |      |
| Titanium dioxide<br>13463-67-7                            | -     | Group 2B | -     |      |

**Reproductive toxicity**Product Information

- No information available

Component Information

- No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure**

No information available

**Other adverse effects**Product Information

- No information available

Component Information

- No information available

**Aspiration hazard**Product Information

- No information available

Component Information

- No information available

## 12. Ecological information

**12.1 Toxicity****Ecotoxicity**

No information available

**Ecotoxicity effects**

| Chemical Name                 | Toxicity to algae                                     | Toxicity to fish                                                                                                                                                                             | Toxicity to daphnia and other aquatic invertebrates |
|-------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Propylene glycol<br>57-55-6   | EC50: 96 h Pseudokirchneriella subcapitata 19000 mg/L | LC50: 96 h Oncorhynchus mykiss 51600 mg/L static LC50: 96 h Oncorhynchus mykiss 41 - 47 mL/L static LC50: 96 h Pimephales promelas 51400 mg/L static LC50: 96 h Pimephales promelas 710 mg/L | EC50: 48 h Daphnia magna 1000 mg/L Static           |
| Amorphous Silica<br>7631-86-9 | EC50: 72 h Pseudokirchneriella subcapitata 440 mg/L   | LC50: 96 h Brachydanio rerio 5000 mg/L static                                                                                                                                                | EC50: 48 h Ceriodaphnia dubia 7600 mg/L             |

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Discharge into the environment must be avoided

**12.4 Mobility in soil**

No information available.

**12.5 Other adverse effects**

No information available

### 13. Disposal Considerations

**13.1 Waste treatment methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 14. Transport Information

**DOT** Not regulated

**MEX** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

### 15. Regulatory information

**15.1 International Inventories**

|                      |          |
|----------------------|----------|
| <b>TSCA</b>          | Complies |
| <b>DSL</b>           | -        |
| <b>EINECS/ELINCS</b> | -        |
| <b>ENCS</b>          | -        |
| <b>IECSC</b>         | -        |
| <b>KECL</b>          | -        |
| <b>PICCS</b>         | -        |
| <b>AICS</b>          | -        |
| <b>NZIoC</b>         | -        |

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances **IECSC**

- China Inventory of Existing Chemical Substances **KECL** -

Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

**15.2 U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**15.3 Pesticide Information**

Not applicable

**15.4 U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Chemical Name                                         | California Prop. 65                                                     |
|-------------------------------------------------------|-------------------------------------------------------------------------|
| Crystalline silica (Quartz) (Respirable) - 14808-60-7 | Carcinogen                                                              |
| Titanium dioxide - 13463-67-7                         | Carcinogen                                                              |
| ASHES (RESIDUES) - 68131-74-8                         | Carcinogen                                                              |
| Aluminium magnesium silicate - 12174-11-7             | Carcinogen                                                              |
| Benzophenone - 119-61-9                               | Carcinogen                                                              |
| N-(3,4-dichlorophenyl)-N,N-dimethylurea - 330-54-1    | Carcinogen                                                              |
| 1,4-DIOXANE - 123-91-1                                | Carcinogen                                                              |
| Ethylene oxide - 75-21-8                              | Carcinogen<br>Developmental<br>Female Reproductive<br>Male Reproductive |
| ETHYL ACRYLATE - 140-88-5                             | Carcinogen                                                              |

## 16. Other information

|             |                        |                       |                          |                                        |
|-------------|------------------------|-----------------------|--------------------------|----------------------------------------|
| <b>NFPA</b> | <b>Health Hazard</b> 1 | <b>Flammability</b> 0 | <b>Instability</b> 0     | <b>Physical and chemical hazards -</b> |
| <b>HMIS</b> | <b>Health Hazard</b> 1 | <b>Flammability</b> 0 | <b>Physical Hazard</b> 0 | <b>Personal protection</b> B           |

### Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

Ceiling (C)

DOT (Department of Transportation)

EPA (Environmental Protection Agency)

IARC (International Agency for Research on Cancer)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

NIOSH (National Institute for Occupational Safety and Health)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

PEL (Permissible Exposure Limit)

Reportable Quantity (RQ)

Skin designation (S\*)

STEL (Short Term Exposure Limit)

TLV® (Threshold Limit Value)

TWA (time-weighted average)

**Revision Date** 01-Mar-2017

### Revision Note

No information available

### Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**