# SAFETY DATA SHEET

**dryvit®**

**Revision Date** 01- Mar. - 17  
**Version** 3

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

### 1.1 Product identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>Backstop® DMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>013026</td>
</tr>
</tbody>
</table>

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

- **Recommended Use**: Base coating  
- **Restrictions on use**: Professional Use Only  
- **Uses advised against**: Not suitable for use in homeworker (DIY) applications

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

**Supplier**  
Dryvit Systems, Inc  
One Energy Way,  
West Warwick, RI 02893  
Phone Number: (401) 822-4100  
Toll Free Number: (800) 556-7752

**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**

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>1</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>1B</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>1A</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>3 - (H335)</td>
</tr>
</tbody>
</table>

### 2.2 Label elements

**Signal Word**  
Danger
Hazard Statements
Causes skin irritation
Causes serious eye damage
May cause an allergic skin reaction
May cause cancer
May cause respiratory irritation

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Use only outdoors or in a well-ventilated area

Precautionary Statements - Response
If exposed or concerned: Get medical advice/attention
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 doctor
IF ON SKIN: Wash with plenty of water and soap
Take off contaminated clothing and wash it before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF INHALED: Remove person to fresh air and keep comfortable for breathing

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed

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

Unknown Acute Toxicity 10.818% of the mixture consists of ingredient(s) of unknown toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture</td>
<td>Crystalline silica (Quartz) (Respirable)</td>
<td>14808-60-7</td>
<td>40 - 50%</td>
</tr>
<tr>
<td></td>
<td>PORTLAND CEMENT</td>
<td>65997-15-1</td>
<td>10 - 20%</td>
</tr>
<tr>
<td></td>
<td>Calcium carbonate (Limestone)</td>
<td>1317-65-3</td>
<td>0 - 10%</td>
</tr>
<tr>
<td></td>
<td>Calcium Metasilicate</td>
<td>13983-17-0</td>
<td>0 - 10%</td>
</tr>
<tr>
<td></td>
<td>CALCIUM HYDROXIDE</td>
<td>1305-62-0</td>
<td>0 - 10%</td>
</tr>
</tbody>
</table>
The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First aid measures

#### 4.1 Description of first-aid measures

**General advice**

If symptoms persist, call a physician.

**Eye contact**

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.

**Skin contact**

Immediate medical attention is not required. Wash off with soap and water. Call a physician if irritation develops or persists.

**Inhalation**

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.

Materials to Avoid

8. Exposure controls/personal protection

8.1 Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>British Columbia</th>
<th>Alberta</th>
<th>Quebec</th>
<th>Ontario TWAEV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica (Quartz) (Respirable) 14808-60-7</td>
<td>TWA: 0.025 mg/m³ (respirable fraction)</td>
<td>: (30)/(%SiO₂ + 2) mg/m³ TWA total dust : (250)/(%SiO₂ + 5) mpcf TWA respirable fraction : (10)/(%SiO₂ + 2) mg/m³ TWA respirable fraction</td>
<td>TWA: 0.025 mg/m³</td>
<td>TWA: 0.025 mg/m³</td>
<td>TWA: 0.1 mg/m³</td>
<td>TWA: 0.10 mg/m³</td>
</tr>
<tr>
<td>PORTLAND CEMENT 65997-15-1</td>
<td>TWA: 1 mg/m³ particulate matter containing no asbestos and &lt;1% crystalline silica, respirable fraction</td>
<td>TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction TWA: 50 mpcf TWA respirable fraction</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 3 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10 mg/m³</td>
</tr>
<tr>
<td>Calcium carbonate (Limestone) 1317-65-3</td>
<td>-</td>
<td>TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 3 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10 mg/m³</td>
</tr>
<tr>
<td>Calcium Metasilicate 13983-17-0</td>
<td>-</td>
<td>-</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 5 mg/m³</td>
<td>TWA: 5 mg/m³</td>
<td>TWA: 5 mg/m³</td>
</tr>
<tr>
<td>CALCIUM HYDROXIDE 1305-62-0</td>
<td>TWA: 5 mg/m³</td>
<td>TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction</td>
<td>TWA: 5 mg/m³</td>
<td>TWA: 5 mg/m³</td>
<td>TWA: 5 mg/m³</td>
<td>TWA: 5 mg/m³</td>
</tr>
<tr>
<td>CALCIUM SULFATE HEMIHYDRATE 13397-24-5</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 3 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10 mg/m³</td>
</tr>
<tr>
<td>MAGNESIUM OXIDE 1309-48-4</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 15 mg/m³ fume, total particulate</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 3 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10 mg/m³</td>
</tr>
<tr>
<td>CALCUM</td>
<td>TWA: 2 mg/m³</td>
<td>TWA: 5 mg/m³</td>
<td>TWA: 2 mg/m³</td>
<td>TWA: 2 mg/m³</td>
<td>TWA: 2 mg/m³</td>
<td>TWA: 2 mg/m³</td>
</tr>
</tbody>
</table>
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  Safety glasses with side-shields.

Skin and body protection  Wear protective gloves/ protective clothing.

Respiratory protection  Effective dust mask. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene measures  See section 7 for more information

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Powder</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Off-white or Gray</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>No information available</td>
<td>Odor Threshold</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>lower flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.60 - 2.80g/cc</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble in water</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Volatile organic compounds (VOC)</td>
<td>no data available</td>
<td></td>
</tr>
<tr>
<td>Density</td>
<td>14.0 - 23.0 lbs/gal</td>
<td></td>
</tr>
</tbody>
</table>

9.2 Other information

10. Stability and Reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use
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

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

The following values are calculated based on chapter 3.1 of the GHS document

Unknown Acute Toxicity 10.818% of the mixture consists of ingredient(s) of unknown toxicity

Oral LD50 27,618.00 mg/kg

Numerical measures of toxicity: Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica (Quartz)</td>
<td>500 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>(Respirable) 14808-60-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CALCIUM HYDROXIDE 1305-62-0</td>
<td>7340 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>CALCIUM OXIDE/LIME 1305-78-8</td>
<td>500 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

11.2 Information on toxicological effects

Skin corrosion/irritation
Product Information
• Corrosive to skin. Contact with skin may cause irritation or severe burns and scarring.
Component Information
• No information available

Serious eye damage/eye irritation
Product Information
• Risk of serious damage to eyes
Component Information
• No information available

Respiratory or skin sensitization
Product Information
• May cause allergic skin reaction
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
• Contains a known or suspected carcinogen

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica (Quartz) (Respirable) 14808-60-7</td>
<td>A2</td>
<td>Group 1</td>
<td>Known</td>
<td></td>
</tr>
</tbody>
</table>

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

12.498 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM OXIDE/LIME 1305-78-8</td>
<td>-</td>
<td>LC50: 96 h Cyprinus carpio 1070 mg/L static</td>
<td>-</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability

No product level data available.
12.3 Bioaccumulative potential

Some components of this material have some potential to bioaccumulate but not all have been tested.

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available.

13. Disposal Considerations

13.1 Waste treatment methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

14. Transport Information

<table>
<thead>
<tr>
<th>DOT</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEX</td>
<td>Not regulated</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not regulated</td>
</tr>
<tr>
<td>IATA</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

15. Regulatory information

15.1 International Inventories

| TSCA  | -                           |
| DSL   | -                           |
| EINECS/ELINCS | -                        |
| ENCS  | -                           |
| IECSC | -                           |
| KECL  | -                           |
| PICCS | -                           |
| AICS  | -                           |
| NZIoC | -                           |

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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica (Quartz) (Respirable) - 14808-60-7</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>METHANOL - 67-56-1</td>
<td>Developmental</td>
</tr>
<tr>
<td>Acetaldehyde - 75-07-0</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

16. Other information

<table>
<thead>
<tr>
<th></th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and chemical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
<tr>
<td>HMIS</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

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