

SAFETY DATA SHEET



Revision Date 22-Mar-2017
Version 1

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

1.1 Product identifier

Product name Rapidry DM 50-75
Product code 023036

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, Inc.
One Energy Way
West Warwick, RI 02893
(401) 822-4100

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

| | |
|--|---------------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |
| Skin sensitization | Category 1B |
| Carcinogenicity | Category 1A |
| Specific target organ toxicity (single exposure) | Category 3 - (H335) |

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
 Use personal protective equipment as required
 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
 Keep/Store away from clothing/ combustible materials
 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/physician
 IF ON SKIN: Wash with plenty of soap and water
 Take off contaminated clothing and wash before reuse
 If skin irritation or rash occurs: Get medical advice/attention
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

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 | 40 - 50% |
| PORTLAND CEMENT | 65997-15-1 | 20 - 30% |
| CALCIUM OXIDE/LIME | 1305-78-8 | 0 - 10% |
| Calcium carbonate (Limestone) | 1317-65-3 | 0 - 10% |
| CALCIUM SULFATE HEMIHYDRATE | 13397-24-5 | 0 - 10% |
| ASHES (RESIDUES) | 68131-74-8 | 0 - 10% |
| CLAY (KAOLIN) | 1332-58-7 | 0 - 10% |

| | | |
|----------------------|------------|---------|
| Aluminum Sulfate | 10043-01-3 | 0 - 10% |
| ALUMINUM OXIDE | 1344-28-1 | 0 - 10% |
| CALCIUM SULFATE | 7778-18-9 | 0 - 10% |
| MAGNESIUM OXIDE | 1309-48-4 | 0 - 10% |
| Calcium Metasilicate | 13983-17-0 | 0 - 10% |
| 2-Phenoxyethanol | 122-99-6 | 0 - 10% |
| Iron oxide | 1309-37-1 | 0 - 10% |

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. 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 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 (Quartz) (Respirable) 14808-60-7 | TWA: 0.025 mg/m ³ respirable fraction | : (30)/(%SiO ₂ + 2) mg/m ³ TWA total dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction | TWA: 0.025 mg/m ³ | TWA: 0.025 mg/m ³ | TWA: 0.1 mg/m ³ | TWA: 0.10 mg/m ³ |
| PORTLAND CEMENT 65997-15-1 | TWA: 1 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction TWA: 50 mppcf <1% Crystalline silica | TWA: 10 mg/m ³ TWA: 3 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 5 mg/m ³ | TWA: 1 mg/m ³ |
| CALCIUM OXIDE/LIME 1305-78-8 | TWA: 2 mg/m ³ | TWA: 5 mg/m ³ | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ |
| Calcium carbonate (Limestone) 1317-65-3 | - | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ TWA: 3 mg/m ³ STEL: 20 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | |
| CALCIUM SULFATE HEMIHYDRATE 13397-24-5 | TWA: 10 mg/m ³ inhalable fraction | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ TWA: 3 mg/m ³ STEL: 20 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 5 mg/m ³ | TWA: 10 mg/m ³ |
| ASHES (RESIDUES) 68131-74-8 | TWA: 1 mg/m ³ Cu dust and mist | - | | | | |
| CLAY (KAOLIN) | TWA: 2 mg/m ³ | TWA: 15 mg/m ³ | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | TWA: 5 mg/m ³ | TWA: 2 mg/m ³ |

| | | | | | | |
|------------------------------------|---|---|---|---------------------------|---|---|
| 1332-58-7 | particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | total dust TWA: 5 mg/m ³ respirable fraction | | | | |
| Aluminum Sulfate 10043-01-3 | - | - | | TWA: 2 mg/m ³ | TWA: 2 mg/m ³ | |
| ALUMINUM OXIDE 1344-28-1 | TWA: 1 mg/m ³ respirable fraction | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | TWA: 1.0 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 1 mg/m ³ |
| CALCIUM SULFATE 7778-18-9 | TWA: 10 mg/m ³ inhalable fraction | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 5 mg/m ³ | TWA: 10 mg/m ³ |
| MAGNESIUM OXIDE 1309-48-4 | TWA: 10 mg/m ³ inhalable fraction | TWA: 15 mg/m ³ fume, total particulate | TWA: 10 mg/m ³ TWA: 3 mg/m ³ STEL: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ |
| Calcium Metasilicate 13983-17-0 | - | - | | | TWA: 10 mg/m ³ TWA: 5 mg/m ³ | |
| 2-Phenoxyethanol 122-99-6 | - | - | | | | TWA: 25 ppm TWA: 141 mg/m ³ Skin |
| Iron oxide 1309-37-1 | TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ fume TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ TWA: 3 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ TWA: 10 mg/m ³ | TWA: 5 mg/m ³ |

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

| | | | |
|----------------|--------------------------|----------------|--------------------------|
| Physical state | Solid | Color | Off-white or Gray |
| Appearance | Powder | | |
| Odor | No information available | Odor Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Methods</u> |
|------------------------------|------------------|--------------------------|
| pH | | No information available |
| Melting/freezing point | | No information available |
| Boiling point/boiling range | | No information available |
| Flash Point | | 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 | 1.60 - 2.80 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 | 14.0 - 23.0 lbs/gal |

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

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

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

Oral LD50 5,589.00 mg/kg

Numerical measures of toxicity: Component Information

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|---------------------|----------------------|-----------------|
| Crystalline silica (Quartz) (Respirable) 14808-60-7 | 500 mg/kg (Rat) | - | - |
| CALCIUM OXIDE/LIME 1305-78-8 | 500 mg/kg (Rat) | - | - |
| ASHES (RESIDUES) 68131-74-8 | 2000 mg/kg (Rat) | - | - |
| Aluminum Sulfate 10043-01-3 | 1930 mg/kg (Rat) | - | - |
| ALUMINUM OXIDE 1344-28-1 | 5000 mg/kg (Rat) | - | - |
| CALCIUM SULFATE 7778-18-9 | 3000 mg/kg (Rat) | - | - |
| 2-Phenoxyethanol 122-99-6 | 1260 mg/kg (Rat) | = 5 mL/kg (Rabbit) | - |
| Iron oxide 1309-37-1 | 10000 mg/kg (Rat) | - | - |

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

•

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|-------|---------|-------|------|
| Crystalline silica (Quartz) (Respirable) 14808-60-7 | A2 | Group 1 | Known | |
| ASHES (RESIDUES) 68131-74-8 | - | Group 1 | Known | |

Reproductive toxicity

Product Information

- No information available

Component Information

- No information available

STOT - single exposure

No information available

STOT - repeated exposure

- May cause adverse liver effects

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 |
|---------------------------------|---|---|---|
| CALCIUM OXIDE/LIME 1305-78-8 | - | LC50: 96 h Cyprinus carpio 1070 mg/L static | - |
| CALCIUM SULFATE 7778-18-9 | - | LC50: 96 h Lepomis macrochirus 2980 mg/L static LC50: 96 h Pimephales promelas 1970 mg/L static | - |
| 2-Phenoxyethanol 122-99-6 | EC50: 72 h Desmodesmus subspicatus 500 mg/L | LC50: 96 h Pimephales promelas 337 - 352 mg/L flow-through LC50: 96 h Pimephales promelas 366 mg/L static | EC50: 48 h Daphnia magna 500 mg/L |

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

| Chemical Name | log Pow |
|------------------------------|---------|
| 2-Phenoxyethanol 122-99-6 | 1.13 |

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available

13. Disposal Considerations

13.1 Waste treatment methods

Dispose of in accordance with federal, state, and local regulations.

14. Transport Information

DOT Not regulated

MEX Not regulated

IMDG Not regulated

IATA Not regulated

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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name | SARA 313 - Threshold Values % |
|--------------------------------|-------------------------------|
| ASHES (RESIDUES) 68131-74-8 | 1.0 0.1 |
| ALUMINUM OXIDE 1344-28-1 | 1.0 |

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 |
| ASHES (RESIDUES) - 68131-74-8 | Carcinogen |
| METHANOL - 67-56-1 | Developmental |
| Acetaldehyde - 75-07-0 | Carcinogen |

16. Other information

| | | | | |
|-------------|-----------------|----------------|-------------------|---------------------------------|
| NEPA | Health Hazard 2 | Flammability 0 | Instability 0 | Physical and chemical hazards - |
| HMIS | Health Hazard 2 | Flammability 0 | Physical Hazard 0 | Personal protection E |

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 22-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