1. Identification

Product Information: 011087180
Product Name: Reflectit
Recommended Use: Restricted to professional users
Uses advised against: Not suitable for use in homemaker (DIY) applications
Supplier: Dryvit Systems, Inc.
One Energy Way
West Warwick, RI 02893
800-556-7752
Emergency telephone number: Chemtrec: +1-800-424-9300 USA
Chemtrec: +1 703-527-3887 ex-USA

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200
Carcinogenicity, category 1A
Skin Sensitizer, category 1

GHS Pictograms

Signal Word
Danger

Unknown Acute Toxicity
36.6% of the mixture consists of ingredients of unknown acute toxicity

HAZARD STATEMENTS
May cause an allergic skin reaction.
May cause cancer.

Precautionary Statements - Prevention
Obtain special instructions before use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response
If on skin: Wash with plenty of water
If exposed or concerned: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.

Precautionary Statements - Storage
Store locked up.

Precautionary Statements - Disposal
Dispose of contents in accordance with local/regional/national/international regulations

### 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Wt. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-(3,4-dichlorophenyl)-N,N-dimethylurea</td>
<td>330-54-1</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>CLAY (KAOLIN)</td>
<td>1332-58-7</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>1,2-Benzisothiazol-3(2H)-one</td>
<td>2634-33-5</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>BENTONITE</td>
<td>1302-78-9</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>50-00-0</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>1336-21-6</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>SODIUM LAURYL SULFATE</td>
<td>151-21-3</td>
<td>0.1-1.0</td>
</tr>
</tbody>
</table>

The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First-aid Measures

#### Description of first-aid measures

**General advice**
- No Information

**Inhalation**
- Move to fresh air.

**Skin contact**
- Wash skin with soap and water.

**Eye contact**
- Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Ingestion**
- Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

**Symptoms.**
- See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

**Notes to physician**
- Treat symptomatically. Ingestion, depending on the dose, can cause i.a. abnormal behaviour, unconsciousness, convulsions, respiratory paralysis, pulmonary oedema, as well as damages to liver and kidneys and can lead, in the worst case, to death. A quick treatment of an ethylene-glycol intoxication, when necessary with haemodialysis, may reduce the toxical effects. Intravenous ethyl alcohol in sodium bicarbonate solution is an approved antitoxin.

### 5. Fire-fighting Measures

#### Extinguishing media

**Suitable extinguishing media**
- No Information

**Extinguishing media which shall not be used for safety reasons**
- None.

**Special hazards arising from the substance or mixture**
- No information available.

**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

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

**Personal precautions**
No Information

**Advice for emergency responders**
Use personal protective equipment. Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**
Prevent product from entering drains. See Section 12 for additional Ecological information.

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

**Methods for Containment**
Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

**Methods for cleaning up**
No Information

**Reference to other sections**
See section 8 for more information.

7. Handling and Storage

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

**Advice on safe handling**
No Information

**Hygiene measures**
General industrial hygiene practice. When using do not eat or drink.

**Storage Conditions**
Storage Conditions
Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

**Ingredients with Occupational Exposure Limits**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH-TLV STEL</th>
<th>OSHA PEL-TWA</th>
<th>OSHA PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-(3,4-dichlorophenyl)-N,N-dimethylurea</td>
<td>10 mg/m³</td>
<td>N.E.</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>CLAY (KAOLIN)</td>
<td>2 mg/m³</td>
<td>N.E.</td>
<td>15 mg/m³</td>
<td>N.E.</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>0.1 ppm</td>
<td>0.3 ppm</td>
<td>0.75 ppm</td>
<td>N.E.</td>
</tr>
</tbody>
</table>

TLV = Threshold Limit Value  TWA = Time Weighted Average  PEL = Permissible Exposure Limit  STEL = Short-Term Exposure Limit  N.E. = Not Established

**Engineering Measures**
Showers, eyewash stations, and ventilation systems.

**Personal protective equipment**

**Eye/Face Protection**
Safety glasses with side-shields.

**Skin and body protection**
Wear suitable protective clothing. Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. Penetration time of glove material: The exact break through time has to be found out by manufacturer of the protective gloves and has to be observed.

Respiratory protection

Respiratory protectionIn case of insufficient ventilation wear suitable respiratory equipment. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures

General industrial hygiene practice. When using do not eat or drink.

9. Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>No Information</td>
</tr>
<tr>
<td>Color</td>
<td>Colored liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Faint</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No Information</td>
</tr>
<tr>
<td>pH</td>
<td>&gt;8</td>
</tr>
<tr>
<td>Melting/freezing point, °C (*F)</td>
<td>No Information</td>
</tr>
<tr>
<td>Flash Point, °C (*F)</td>
<td>-39 (-38.2)</td>
</tr>
<tr>
<td>Boiling point/bolling range, °C (*F)</td>
<td>11 - 3,000 (51.8 - 5432)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No Information Available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No Information</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No Information</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No Information</td>
</tr>
<tr>
<td>Specific Gravity (g/cm³)</td>
<td>0.960</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No Information</td>
</tr>
<tr>
<td>Autoignition temperature,°C</td>
<td>No Information</td>
</tr>
<tr>
<td>Decomposition Temperature °C</td>
<td>No Information</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No Information</td>
</tr>
</tbody>
</table>

Other information

| Volatile organic compounds (VOC) content | No Information |
| Density, lb/gal                          | No Information |

10. Stability and Reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None known based on information supplied.
**Conditions to Avoid**

None known.

**Incompatible Materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known.

### 11. Toxicological Information

#### Information on toxicological effects

**Acute toxicity**

**Product Information**

<table>
<thead>
<tr>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation (Vapor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50</td>
<td>Dermal LD50</td>
<td>1,433.00 mg/l</td>
</tr>
</tbody>
</table>

**Component Information**

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>330-54-1</td>
<td>N-(3,4-dichlorophenyl)-N,N-dimethylurea</td>
<td>4990 mg/kg Rat</td>
<td>&gt;2000 mg/kg Rat</td>
<td>&gt;0.265 mg/L Rat (Vapor)</td>
</tr>
<tr>
<td>1332-58-7</td>
<td>CLAY (KAOLIN)</td>
<td>&gt;5000 mg/kg Rat</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>2634-33-5</td>
<td>1,2-Benzisothiazol-3(2H)-one</td>
<td>4</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>50-00-0</td>
<td>Formaldehyde</td>
<td>100 mg/kg Rat</td>
<td>270 mg/kg Rabbit</td>
<td>0.578 mg/L Rat (Vapor)</td>
</tr>
<tr>
<td>1336-21-6</td>
<td>Ammonium hydroxide</td>
<td>350 mg/kg Rat</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>151-21-3</td>
<td>SODIUM LAURYL SULFATE</td>
<td>1288 mg/kg Rat</td>
<td>200 mg/kg Rabbit</td>
<td>&gt;3.9 mg/L Rat (Dust)</td>
</tr>
</tbody>
</table>

N.I. = No Information

**Skin corrosion/irritation.**

May cause irritation. MILD SKIN IRRITANT. SKIN IRRITANT.

**Eye damage/irritation.**

No Information

**Respiratory or skin sensitization.**

Respiratory distress.

**Ingestion.**

May be harmful if swallowed.

**Germ cell mutagenicity.**

No Information

**Carcinogenicity.**

Contains a known or suspected carcinogen.

**Reproductive toxicity.**

No Information

**Specific target organ systemic toxicity (single exposure).**

No Information

**Specific target organ systemic toxicity (repeated exposure).**

No Information

**Aspiration hazard.**

No Information

**Primary Route(s) of Entry**

No Information
### 12. Ecological Information

**Toxicity**

0.30750 % of mixture consists of components 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>N-(3,4-Dichlorophenyl)-N,N-Dimethylurea</td>
<td>EC50 96 h <em>Desmodesmus subspicatus</em> 0.022 mg/L, EC50 72 h <em>Desmodesmus subspicatus</em> 0.036 mg/L, EC50 72 h <em>Pseudokirchneriella subcapitata</em> &lt;0.1 mg/L, EC50 96 h <em>Pseudokirchneriella subcapitata</em> 0.0007 mg/L</td>
<td>LC50 96 h <em>Pimephales promelas</em> 13.4 -15 mg/L, LC50 96 h <em>Pimephales promelas</em> 13.4 -15 mg/L, LC50 96 h <em>Lepomis macrochirus</em> 2.3 - 3.3 mg/L, LC50 96 h <em>Lepomis macrochirus</em> 4 mg/L, LC50 96 h <em>Oncorhynchus mykiss</em> 1.5 - 2.54 mg/L, LC50 96 h <em>Oncorhynchus mykiss</em> 14.7 mg/L, LC50 96 h <em>Cyprinus carpio</em> 2.9 mg/L</td>
<td>EC50 48 h <em>Daphnia magna</em> 1.4 mg/L, EC50 48 h <em>Daphnia magna</em> 6.3 -13 mg/L</td>
</tr>
<tr>
<td>BENTONITE 1302-78-9</td>
<td>-</td>
<td>LC50 96 h <em>Oncorhynchus mykiss</em> 19000 mg/L</td>
<td>-</td>
</tr>
<tr>
<td>Formaldehyde 50-00-0</td>
<td></td>
<td>LC50 96 h <em>Pimephales promelas</em> 22.6 - 25.7 mg/L, LC50 96 h <em>Lepomis macrochirus</em> 1510 µg/L, LC50 96 h <em>Brachydanio rerio</em> 41 mg/L, LC50 96 h <em>Oncorhynchus mykiss</em> 0.032 -0.226 mL/L, LC50 96 h <em>Oncorhynchus mykiss</em> 100 - 136 mg/L, LC50 96 h <em>Pimephales promelas</em> 23.2 - 29.7 mg/L</td>
<td>LC50 48 h <em>Daphnia magna</em> 2 mg/L, EC50 48 h <em>Daphnia magna</em> 11.3 - 18 mg/L</td>
</tr>
<tr>
<td>Ammonium hydroxide 1336-21-6</td>
<td>-</td>
<td>LC50 96 h <em>Pimephales promelas</em> 8.2 mg/L</td>
<td>EC50 48 h water flea 0.66 mg/L, EC50 48 h <em>Daphnia pulex</em> 0.66 mg/L</td>
</tr>
<tr>
<td>SODIUM LAURYL SULFATE 151-21-3</td>
<td>EC50 72 h <em>Desmodesmus subspicatus</em> 53 mg/L, EC50 96 h <em>Desmodesmus subspicatus</em> 30 - 100 mg/L, EC50 96 h <em>Pseudokirchneriella subcapitata</em> 117 mg/L, EC50 96 h <em>Pseudokirchneriella subcapitata</em> 3.59 - 15.6 mg/L</td>
<td>LC50 96 h <em>Pimephales promelas</em> 8 -12.5 mg/L, LC50 96 h <em>Pimephales promelas</em> 15 - 18.9 mg/L, LC50 96 h <em>Pimephales promelas</em> 22.1 - 22.8 mg/L, LC50 96 h <em>Oncorhynchus mykiss</em> 4.3 - 8.5 mg/L, LC50 96 h <em>Oncorhynchus mykiss</em> 4.62 mg/L, LC50 96 h <em>Oncorhynchus mykiss</em> 4.2 mg/L, LC50 96 h <em>Brachydanio rerio</em> 7.97 mg/L, LC50 96 h <em>Brachydanio rerio</em> 9.9 - 20.1 mg/L, LC50 96 h <em>Lepomis macrochirus</em> 4.06 - 5.75 mg/L, LC50 96 h <em>Lepomis macrochirus</em> 4.2 - 4.8 mg/L</td>
<td>EC50 48 h <em>Daphnia magna</em> 1.8 mg/L</td>
</tr>
</tbody>
</table>

**Persistence and degradability**

No data are available on the product itself.

**Bioaccumulative potential**

Discharge into the environment must be avoided.
<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>log POW</th>
</tr>
</thead>
<tbody>
<tr>
<td>330-54-1</td>
<td>N-(3,4-dichlorophenyl)-N,N-dimethylurea</td>
<td>2.82</td>
</tr>
<tr>
<td>2634-33-5</td>
<td>1,2-Benzisothiazol-3(2H)-one</td>
<td>1.3</td>
</tr>
<tr>
<td>50-00-0</td>
<td>Formaldehyde</td>
<td>0.35</td>
</tr>
<tr>
<td>151-21-3</td>
<td>SODIUM LAURYL SULFATE</td>
<td>1.6</td>
</tr>
</tbody>
</table>

### Mobility in soil
No information

**Other adverse effects**
No information

## 13. Disposal Considerations

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

### 14. Transport Information

### DOT
- Packing Group: I

### IMDG
- No Information

### IATA
- No Information

## 15. Regulatory Information

### International Inventories:
- **TSCA**: Contains Non Listed Components
- **DSL**: Contains Non Listed Components
- **EINECS/ELINCS**: Contains Non Listed Components
- **ENCS**: Contains Non Listed Components
- **IECSC**: Contains Non Listed Components
- **KECI**: Contains Non Listed Components
- **PICCS**: Contains Non Listed Components
- **AICS**: Contains Non Listed Components
- **NZIoC**: Contains Non Listed Components
- **TCSI**: Contains Non Listed Components

### U.S. Federal Regulations:
- **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
- **ENCS**: Japan Existing and New Chemical Substances
- **IECSC**: China Inventory of Existing Chemical Substances
- **KECI**: 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
- **TCSI**: Taiwan Chemical Substance Inventory
SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-(3,4-dichlorophenyl)-N,N-dimethylurea</td>
<td>330-54-1</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>50-00-0</td>
<td>0.1-1.0</td>
</tr>
</tbody>
</table>

TOXIC SUBSTANCES CONTROL ACT 12(b):

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components are present in this product.

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-(3,4-dichlorophenyl)-N,N-dimethylurea</td>
<td>330-54-1</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>50-00-0</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
</tr>
</tbody>
</table>

16. Other Information

Revision Date: 7/24/2018
Reason for revision: No Information
Datasheet produced by: Regulatory Department

HMIS Ratings:

<table>
<thead>
<tr>
<th>Health:</th>
<th>Flammability:</th>
<th>Physical Hazard:</th>
<th>Personal Protection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
</tbody>
</table>

NFPA Ratings:

<table>
<thead>
<tr>
<th>Health:</th>
<th>Flammability:</th>
<th>Instability:</th>
<th>Physical &amp; Chemical:</th>
</tr>
</thead>
<tbody>
<tr>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
</tbody>
</table>

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.