1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier
Product Name PROSOCO R-GUARD® Spray Wrap Rain Screen

Other means of identification
Product Code(s) 70520

Recommended use of the chemical and restrictions on use
Recommended use Restricted to professional users.
Uses advised against No information available

Details of the supplier of the safety data sheet
Manufacturer Address PROSOCO, Inc.
3741 Greenway Circle
Lawrence, Kansas 66046

Emergency telephone number
8:00 AM – 5:00 PM CST Monday-Friday 785-865-4200
NON-BUSINESS HOURS (INFOTRAC) 800-535-5053

2. HAZARDS IDENTIFICATION

Classification
Carcinogenicity Category 1A

Label elements

Emergency Overview

Hazard statements
May cause cancer

Appearance viscous
Physical state Liquid
Odor Slight Ammonia

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 locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Other information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>30 - 60</td>
<td>*</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>15 - 40</td>
<td>*</td>
</tr>
<tr>
<td>Proprietary - Acrylic Polymer</td>
<td>Undisclosed</td>
<td></td>
<td>*</td>
</tr>
<tr>
<td>Iron Oxide (black)</td>
<td>1317-61-9</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>Polypropylene glycol</td>
<td>25322-69-4</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>0.1 - 1</td>
<td>*</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>0.1 - 1</td>
<td>*</td>
</tr>
<tr>
<td>Silicon Dioxide</td>
<td>7631-86-9</td>
<td>0.1 - 1</td>
<td>*</td>
</tr>
<tr>
<td>Diphenyl Ketone</td>
<td>119-61-9</td>
<td>0.1 - 1</td>
<td>*</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

**Eye contact**
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin Contact**
Wash skin with soap and water.

**Inhalation**
Remove to fresh air.

**Ingestion**
Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Call a physician.

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

**Symptoms**
May cause irritation.

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

**Note to physicians**
Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**
Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**
No information available.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Environmental precautions
Do not allow into any sewer, on the ground or into any body of water. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials
None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone 1317-65-3</td>
<td>TWA: 15 mg/m³ total dust</td>
<td>TWA: 10 mg/m³ total dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA: 5 mg/m³ respirable fraction</td>
<td>TWA: 5 mg/m³ respirable dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 15 mg/m³ total dust</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 5 mg/m³ respirable fraction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quartz 14808-60-7</td>
<td>TWA: 0.025 mg/m³ respirable particulate matter</td>
<td>TWA: 50 µg/m³ TWA: 50 µg/m³ excavates construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) IDLH: 50 mg/m³ respirable dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA: 50 µg/m³ TWA: 50 µg/m³ excavates construction work, agricultural operations, and exposures that result from the processing of sorptive clays</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 0.1 mg/m³ respirable dust</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(250)/(%SiO₂ + 5) mppcf TWA respirable fraction</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(10)/(%SiO₂ + 2) mg/m³ TWA respirable fraction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 2.4 mg/m³ CIB 63 fine</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA: 10 mg/m³ total dust</td>
<td>TWA: 0.3 mg/m³ CIB 63 ultrafine, including engineered nanoscale</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 10 mg/m³ total dust</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silicon Dioxide 7831-86-9</td>
<td>TWA: 50 µg/m³ excludes construction work, agricultural</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA: 6 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
70520 PROSOCO R-GUARD® Spray Wrap Rain Screen

Revision date 09-Nov-2020

| operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 6 mg/m³ <1% Crystalline silica TWA: 20 mppcf (80)/(% SiO₂) mg/m³ TWA |

NIOSH IDLH Immediately Dangerous to Life or Health

Other information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Gloves.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point °F</td>
<td>0 °C / 32 °F</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100 °C / &gt; 212 °F</td>
<td>No information available</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 Limit 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>1.37</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No information available</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>Kinematic viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY
Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Conditions to avoid
None known based on information supplied.

Incompatible materials
None known based on information supplied.

Hazardous decomposition products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
No data available

Inhalation
Avoid breathing vapors or mists.

Eye contact
Avoid contact with eyes.

Skin Contact
Avoid contact with skin.

Ingestion
Do not taste or swallow.

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LD50/Oral (Rat)</th>
<th>LD50/Dermal (Rat)</th>
<th>Inhalation LC50 (Rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 7732-18-5</td>
<td>&gt; 90 mL/kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iron Oxide (black) 1317-61-9</td>
<td>&gt; 10000 mg/kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polypropylene glycol 25322-69-4</td>
<td></td>
<td>3750 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>&gt; 10000 mg/kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silicon Dioxide 7631-86-9</td>
<td>7900 mg/kg</td>
<td>&gt; 5000 mg/kg (Rabbit)</td>
<td>&gt; 2.08 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Diphenyl Ketone 119-61-9</td>
<td>&gt; 10 g/kg (Rat)</td>
<td>3535 mg/kg (Rabbit)</td>
<td></td>
</tr>
</tbody>
</table>

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
May cause irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization
No information available.

Germ cell mutagenicity
No information available.

Carcinogenicity
The table below indicates whether each agency has listed any ingredient as a carcinogen. * Titanium Dioxide has been associated with lung cancer where the exposure is to the respirable, dry powder form of the material. However, due to the physical nature of this product (liquid), exposures are not expected unless after product dries it is abraded and airborne dust is created.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
</table>
### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon Dioxide</td>
<td>440: 72 h</td>
<td>5000: 96 h</td>
<td>-</td>
<td>7600: 48 h Ceriodaphnia dubia mg/L EC50</td>
</tr>
<tr>
<td></td>
<td>Pseudokirchneriella subcapitata mg/L LC50</td>
<td>Brachydanio rerio mg/L LC50 static</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Diphenyl Ketone</td>
<td>-</td>
<td>13.2 - 15.3: 96 h Pimephales promelas mg/L LC50 flow-through</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>119-61-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Persistence and degradability

No information available.

#### Bioaccumulation

No information available.

#### Chemical name | Partition coefficient
---|-------------------
Diphenyl Ketone 119-61-9 | 3.2

#### Other adverse effects

No information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging  
Do not reuse container.

### 14. TRANSPORT INFORMATION

DOT  
Not Regulated for all modes of transportation.

### 15. REGULATORY INFORMATION

**International Inventories**
- TSCA: Complies
- DSL/NDSL: Complies

**Legend:**
- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US 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

**SARA 311/312 Hazard Categories**
- Acute health hazard: No
- Chronic Health Hazard: Yes
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

**CWA (Clean Water Act)**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**
This product contains the following Proposition 65 chemicals

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz - 14808-60-7</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Titanium dioxide - 13463-67-7</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Silicon Dioxide - 7631-86-9</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Diphenyl Ketone - 119-61-9</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

**U.S. State Right-to-Know Regulations**
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1317-65-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quartz</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>14808-60-7</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NFPA

- Health hazards: 2
- Flammability: 1
- Instability: 0
- Physical and chemical properties:

HMIS

- Health hazards: 2
- Flammability: 1
- Physical hazards: 0
- Personal protection: X

Prepared By: Regulatory Department
Issuing Date: 09-Nov-2020
Revision date: 09-Nov-2020
Revision Note: No information available

Disclaimer

The information contained on the Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. PROSOCO, Inc. expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described. This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product’s end use and disposal of containers and unused material. It is the purchaser’s responsibility to familiarize himself with all applicable regulations.

End of Safety Data Sheet