SAFETY DATA SHEET

Revision Date 07-May-2019  Version 6

1. IDENTIFICATION

Product identifier

Product Name 1 MIN. RIGHT STUFF GREY RTV 3 OZ.

Other means of identification

Product Code 25238

Recommended use of the chemical and restrictions on use

Recommended Use Sealant

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address ITW Permatex

ITW Permatex
6875 Parkland Blvd.
Solon, Ohio 44139 USA
Telephone: 1-87-Permatex
(866) 732-9502

May Also Be Distributed by:

ITW Permatex Canada
101-2360 Bristol Circle
Oakville, ON Canada L6H 6M5
Telephone: (800) 924-6994

24-hour emergency phone number

Chem-Tel: 800-255-3924
International Emergency:
00+1+ 813-248-0585
Contract Number: MIS0003453

E-mail address: mail@permatex.com

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Regulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Category 1</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 2</td>
</tr>
<tr>
<td>Gases under pressure</td>
<td>Compressed gas</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview

Signal word Warning

Causes serious eye irritation
May cause an allergic skin reaction
Suspected of causing cancer
Contains gas under pressure; may explode if heated
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

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
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Precautionary Statements - Storage
Store locked up
Protect from sunlight. Store in a well-ventilated place

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

Hazards not otherwise classified (HNOC)
Not applicable

Other Information
Not applicable

Unknown acute toxicity 31.6535 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE</td>
<td>471-34-1</td>
<td>10 - 30</td>
</tr>
<tr>
<td>STEARIC ACID</td>
<td>57-11-4</td>
<td>1 - 5</td>
</tr>
<tr>
<td>2-BUTANONE OXIME</td>
<td>96-29-7</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Description of first aid measures

General advice Get medical advice/attention if you feel unwell.

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin contact  IF ON SKIN: Wash with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Inhalation  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

Ingestion  IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

Self-protection of the first aider  Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms  May cause allergic skin reaction.

Indication of any immediate medical attention and special treatment needed

Note to physicians  Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media  Carbon dioxide (CO2), Dry chemical, Foam

Unsuitable extinguishing media  None

Specific hazards arising from the chemical  Contains gas under pressure; may explode if heated.

Explosion data

Sensitivity to Mechanical Impact  None.
Sensitivity to Static Discharge  None.

Protective equipment and precautions 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  Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protective equipment as required. Wash thoroughly after handling. Contents under pressure. Remove all sources of ignition.

Environmental precautions

Environmental precautions  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  Ensure adequate ventilation. Flood with water to complete polymerization and scrape off floor. Sweep up and shovel into suitable containers for disposal. Slippery, can cause falls if walked on.

Prevention of secondary hazards  Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE
Precautions for safe handling

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required. Contents under pressure. Do not puncture or incinerate cans.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Protect from sunlight. Store in a well-ventilated place. Protect from moisture.

Incompatible materials: Strong oxidizing agents, Acids, Water

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>CALCIUM CARBONATE</td>
<td></td>
<td>-</td>
<td>TWA: 10 mg/m³ total dust</td>
</tr>
<tr>
<td>471-34-1</td>
<td></td>
<td>-</td>
<td>TWA: 5 mg/m³ respirable dust</td>
</tr>
<tr>
<td>STEARIC ACID</td>
<td>TWA: 10 mg/m³ inhalable particulate matter</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>57-11-4</td>
<td>TWA: 3 mg/m³ respirable particulate matter</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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: Showers, Eyewash stations, Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection: Tight sealing safety goggles.

Skin and body protection: Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves.

Respiratory protection: Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

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 • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Paste</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Gray</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No information available</td>
<td>Polymerization</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 93 °C / &gt; 199 °F</td>
<td></td>
</tr>
</tbody>
</table>
Evaporation rate | No information available
Flammability (solid, gas) | No information available
Flammability Limit in Air
  Upper flammability limit: | No information available
  Lower flammability limit: | No information available
Vapor pressure | <5 mm Hg
Vapor density | 3.0 | Air = 1
Relative density | 1.45
Water solubility | Not applicable
Density | No information available
Softening point | No information available
Molecular weight | No information available
Partition coefficient | No information available
VOC Content (%) | <3%
Decomposition temperature | No information available
Kinematic viscosity | No information available
Dynamic viscosity | No information available
Explosive properties | No information available
Oxidizing properties | No information available
Other Information
  SADT (self-accelerating decomposition temperature) | No information available

10. STABILITY AND REACTIVITY

Reactivity
No information available
Chemical stability
Stable under normal conditions
Possibility of Hazardous Reactions
None under normal processing.
Conditions to avoid
Heat, flames and sparks.
Incompatible materials
Strong oxidizing agents, Acids, Water
Hazardous Decomposition Products
Carbon oxides
Nitrogen oxides (NOx)
Formaldehyde
May release 2-butanone oxime (ethyl methyl ketoxime) at elevated temperature

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure
Inhalation
May cause irritation of respiratory tract.
Eye contact
Contact with eyes may cause irritation. May cause redness and tearing of the eyes.
Skin contact
May cause skin irritation and/or dermatitis. May cause sensitization by skin contact.
Ingestion
Ingestion may cause irritation to mucous membranes.
### Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50
--- | --- | --- | ---
CALCIUM CARBONATE | 471-34-1 | 6450 mg/kg (Rat) | - | -
STEARIC ACID | 57-11-4 | 4600 mg/kg (Rat) | > 5 g/kg (Rabbit) | -
2-BUTANONE OXIME | 96-29-7 | 930 mg/kg (Rat) | 1000 - 1800 mg/kg (Rabbit) | > 4.83 mg/L (Rat) 4 h

#### Information on toxicological effects

**Symptoms**
No information available.

**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
No information available.

Target Organ Effects
Eyes, Respiratory system, Skin.

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

| ATEmix (oral) | 13245 mg/kg |
| ATEmix (dermal) | 59491 mg/kg |

#### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
0.1225 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and degradability**
No information available.

**Bioaccumulation**
No information available.

**Mobility**
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-BUTANONE OXIME</td>
<td>0.65</td>
</tr>
</tbody>
</table>

**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.

**US EPA Waste Number**
Not applicable

This product contains one or more substances that are listed with the State of California as a hazardous waste.

#### 14. TRANSPORT INFORMATION
DOT
UN/ID No: 1950
Proper shipping name: Aerosols, Limited Quantity (LQ)
Hazard Class: 2.2
Emergency Response Guide Number: 126

IATA
UN/ID No: ID8000
Proper shipping name: Consumer commodity
Hazard Class: 9
ERG Code: 9L

IMDG
UN/ID No: 1950
Proper shipping name: Aerosols, Limited Quantity (LQ)
Hazard Class: 2.2
EmS-No: F-D, S-U

15. REGULATORY INFORMATION

International Inventories
TSCA: Complies
DSL/NDSL: Complies
EINECS/ELINCS: Not determined
ENCS: Not determined
IECSC: Not determined
KECL: Not determined
PICCS: Not determined
AICS: Not determined

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-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
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

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: Yes
Chronic Health Hazard: No
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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)
US State Regulations

California Proposition 65
This product is not known to contain any chemicals listed as carcinogens or reproductive toxins.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>NITROGEN</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>7727-37-9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ALUMINIUM POWDER</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>7429-90-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

U.S. EPA Label Information
EPA Pesticide Registration Number  Not applicable

WHMIS Hazard Class
Compressed gas, D2B - Toxic materials

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

NFPA (National Fire Protection Association)
HMIS (Hazardous Material Information System)

Revision Date 07-May-2019

Disclaimer
The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet