

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Revision Date 07-Nov-2024 Version 1

1. Identification

Product identifier

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

Other means of identification

Product Code 25238

UN number or ID number UN3500

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Sealant

Restrictions on use No information available

Details of the supplier of the safety data sheet

Manufacturer AddressMay Also Be Distributed by:ITW Permatex, Inc.ITW Permatex Canada6875 Parkland Blvd.101-2360 Bristol Circle

Solon, Ohio 44139 USA Oakville, ON Canada L6H 6M5 Telephone: 1-87-Permatex Telephone: (800) 924-6994

(866) 732-9502

E-mail address

mail@permatex.com

Emergency telephone number

24 Hour Emergency Phone Number Chem-Tel: 800-255-3924

International Emergency: 00+1+ 813-248-0585

Contract Number: MIS0003453

24-hour emergency phone number No information available

2. Hazard(s) identification

Classification

Chemicals under pressure	Category 3
Skin sensitization	Category 1
Carcinogenicity	Category 1B

Label elements

Contains 2-BUTANONE OXIME



Danger

Hazard statements

Chemical under pressure: May explode if heated.

May cause an allergic skin reaction.

May cause cancer.

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.

Avoid breathing dust, fume, gas, mist, vapors and spray.

Contaminated work clothing should not be allowed out of the workplace.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.

Skin

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice and attention.

Wash contaminated clothing before reuse.

Fire

Stop leak if safe to do so.

Precautionary Statements - Storage

Store locked up.

Protect from sunlight. Store in a well-ventilated place.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

32.402 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

28.872 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

59.402 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

59.402 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

36.602 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Other Information

May be harmful in contact with skin.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

	Chemical name	CAS No.	Weight-%	Information Review	Date HMIRA filed and date exemption granted (if applicable)
[CALCIUM CARBONATE	471-34-1	10-30%	-	-

STEARIC ACID	57-11-4	0.5-1.5%	-	-
2-BUTANONE OXIME	96-29-7	0.1-1%	-	-

4. First-aid measures

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get

medical advice/attention.

Inhalation Remove to fresh air.

Eye contactRinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin contact Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation

or allergic reactions see a physician.

Ingestion Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives.

Effects of Exposure May cause cancer.

Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

5. Fire-fighting measures

surrounding environment.

Small Fire In case of fire, use water spray, foam, dry chemical, or CO2. Large Fire In case of fire, use water spray, foam, dry chemical, or CO2.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the

chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

Hazardous combustion products No information available.

Explosion data

Sensitivity to mechanical impact None. Sensitivity to static discharge None.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal

protective equipment as required. Evacuate personnel to safe areas. Keep people away

from and upwind of spill/leak.

Other information Refer to protective measures listed in Sections 7 and 8.

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 Pick up and transfer to properly labeled containers.

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 contact with

skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off

contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

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

8. Exposure controls/personal protection

Control Parameters Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
CALCIUM CARBONATE	-	-	TWA: 10 mg/m ³ total dust
471-34-1			TWA: 5 mg/m ³ respirable
			dust
STEARIC ACID	TWA: 10 mg/m ³ inhalable	-	-
57-11-4	particulate matter		
	TWA: 3 mg/m ³ respirable		
	particulate matter		

Chemical name	Alberta	British Columbia	Ontario	Quebec
CALCIUM CARBONATE	TWA: 10 mg/m ³	-	-	TWA: 10 mg/m ³
471-34-1	_			_
STEARIC ACID	-	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³
57-11-4		TWA: 3 mg/m ³	TWA: 3 mg/m ³	TWA: 3 mg/m ³

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
STEARIC ACID	TWA: 10 mg/m ³ TWA: 3 mg/m ³		TWA: 10 mg/m³ TWA: 3 mg/m³	TWA: 10 mg/m³ TWA: 3 mg/m³

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
CALCIUM CARBONATE	TWA: 10 mg/m³ STEL: 20 mg/m³		TWA: 10 mg/m³ STEL: 20 mg/m³	TWA: 30 mppcf TWA: 10 mg/m ³ STEL: 20 mg/m ³
STEARIC ACID		TWA: 10 mg/m ³ TWA: 3 mg/m ³		

Appropriate engineering controls

Engineering controls Showers

> Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

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

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

Appropriate respiratory protection should be selected and used according to the chemical Respiratory protection

nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be

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required.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and

immediately after handling the product.

Thermal hazards No information available.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Paste / Gel Liquid **Appearance** No information available

Color

Odor No information available **Odor threshold** No information available

Property Values Remarks • Method

pН 7-8

Melting point / freezing point No data available

Boiling point / boiling range No data available Polymerization > 95 °C / 203 °F Flash point Tag Closed Cup **Evaporation rate** < 1 Butyl acetate = 1

Flammability (solid, gas) No data available

Flammability Limit in Air

Upper flammability limit: No data available Lower flammability limit: No data available

<5 mmHg @ 70°F Vapor pressure Vapor density 3 Air = 1

Relative density 1.34

Not applicable Polymerization Water solubility

No Data Available Solubility(ies)

Partition coefficientNo Data AvailableAutoignition temperatureNo data availableDecomposition temperatureNo data availableKinematic viscosityNo Data AvailableDynamic viscosityNo data available

Other information

Explosive propertiesNo information availableOxidizing propertiesNo information availableSoftening pointNo information availableMolecular weightNo information available

VOC content <3%

DensityNo information availableBulk densityNo information available

10. Stability and reactivity

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions
None under normal processing.

Hazardous polymerizationNo information available.

Conditions to avoidNone known based on information supplied.

Incompatible materials None known based on information supplied.

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

Product Information

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact May cause sensitization by skin contact. Specific test data for the substance or mixture is

not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May be harmful in contact with skin.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives.

Acute toxicity .

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

 ATEmix (oral)
 10,999.10 mg/kg

 ATEmix (dermal)
 4,664.00 mg/kg

 ATEmix (inhalation-gas)
 99,999.00 ppm

ATEmix (inhalation-vapor) 99,999.00 mg/l ATEmix (inhalation-dust/mist) 8.34 mg/l

32.402 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

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Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
CALCIUM CARBONATE 471-34-1	= 6450 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 3 mg/L (Rat) 4 h
STEARIC ACID 57-11-4	= 4600 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
2-BUTANONE OXIME 96-29-7	= 930 mg/kg (Rat)	1000 - 1800 mg/kg (Rabbit)	> 4.83 mg/L (Rat) 4 h

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

Skin corrosion/irritationNo information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for

ingredients. May cause cancer.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposureNo information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity

	Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
				microorganisms	
	2-BUTANONE OXIME	EC50: =83mg/L (72h,	LC50: 777 - 914mg/L	-	EC50: =750mg/L (48h,
	96-29-7	Desmodesmus	(96h, Pimephales		Daphnia magna)
		subspicatus)	promelas)		
			LC50: =760mg/L (96h,		
L			Poecilia reticulata)		

Persistence and degradability No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient
2-BUTANONE OXIME	0.65
96-29-7	

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused

products

Dispose of in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

Contaminated packaging Do not reuse empty containers.

US EPA Waste Number Waste designations and classifications should be determined by the end user based on the

application for which the product was used.

14. Transport information

DOT

UN number or ID number UN3500

Proper shipping name Chemical under pressure, n.o.s.

Transport hazard class(es) 2.2

Description UN3500, Chemical under pressure, n.o.s. (nitrogen), 2.2

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Number

TDG

UN number or ID number UN3500

UN proper shipping name Chemical under pressure, n.o.s.

Transport hazard class(es) 2.2

Description UN3500, Chemical under pressure, n.o.s. (nitrogen), 2.2

MEX

UN number or ID number UN3500

UN proper shipping name Chemical under pressure, n.o.s.

Transport hazard class(es) 2.

Description UN3500, Chemical under pressure, n.o.s. (nitrogen), 2.2

ICAO (air)

UN number or ID number UN3500

UN proper shipping name Chemical under pressure, n.o.s.

Transport hazard class(es)

Description UN3500, Chemical under pressure, n.o.s. (nitrogen), 2.2

Special Provisions A187

<u>IATA</u>

UN number or ID number UN3500

UN proper shipping name Chemical under pressure, n.o.s.

Transport hazard class(es) 2.2

ERG Code 2L Special Provisions A187

Description UN3500, Chemical under pressure, n.o.s. (nitrogen), 2.2

IMDG

UN number or ID number UN3500

UN proper shipping name Chemical under pressure, n.o.s.

Transport hazard class(es) 2.2 EmS-No. F-C, S-V

Description UN3500, Chemical under pressure, n.o.s. (nitrogen), 2.2

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA Complies **DSL/NDSL** Complies Complies **EINECS/ELINCS** Does not comply **ENCS IECSC** Does not comply **KECI** Does not comply Complies **PICCS** Complies **AICS** Complies **NZIoC**

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 Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

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 does not contain any Proposition 65 chemicals

*The asterisked chemical(s) listed are not subject to Proposition 65 because they are not airborne in the finished product

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
ALUMINIUM POWDER	X	X	X
7429-90-5			

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA Health hazards 2 Flammability 1 Instability 0 Special hazards - HMIS Health hazards 2 Flammability 1 Physical hazards 0 Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend

SVHC: Substances of Very High Concern for Authorization:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity ATE: Acute Toxicity Estimate LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value * Skin designation

+ Sensitizers

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR) U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

U.S. National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

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Revision Note No information available.

Disclaimer

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