

**ROOF <(>&<)> GUTTER SILICONE PREMIUM GREY**  
Revision Number 4.01Revision date 11-Nov-2019  
Supersedes Date: 21-Jul-2019**Section 1: Identification: Product identifier and chemical identity****Product identifier****Product Name** ROOF <(>&<)> GUTTER SILICONE PREMIUM GREY**Product Code(s)**30840060  
30840060**Other means of identification****Pure substance/mixture** Mixture**Recommended use of the chemical and restrictions on use****Recommended use** Sealant**Uses advised against** No information available**Details of manufacturer or importer****Supplier**Bostik Australia Pty Ltd  
51-71 High Street,  
Thomastown Victoria  
Australia  
Tel: 613 9279-9333  
Fax: 613 9279-9342**ABN:** 79 003 893 838**E-mail address** au-bostik-sds@bostik.com**Emergency telephone number**

Emergency telephone number 24-hr Emergency: 1800 033 111

**Section 2: Hazard(s) identification****GHS Classification**

Based on available information, this material is classified as hazardous according to criteria of Safe Work Australia

**Carcinogenicity** Category 2 - (H351)**Label elements**

Health hazard



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**Signal word**  
Warning

**Hazard statements**  
H351 - Suspected of causing cancer

**Precautionary Statements - Prevention**

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P281 - Use personal protective equipment as required

**Precautionary Statements - Response**

P308 + P313 - IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

P405 - Store locked up

**Precautionary Statements - Disposal**

P501 - Dispose of contents/ container to an approved waste disposal plant

**Other hazards which do not result in classification**

Small amounts of 2-butanone, oxime (CAS 96-29-7) are formed by hydrolysis and released upon curing  
Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

**Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

No poisons schedule number allocated

**Poison Schedule Number** Not applicable

## Section 3: Composition and information on ingredients, in accordance with Schedule 8

**Substance**

Not applicable

**Mixture**

Chemical name	CAS No.	Weight-%
2-Butanone, O,O',O''-(methylsilyldiyl)trioxime	22984-54-9	0 - <10
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	0 - <10
2-Butanone, oxime	96-29-7	0 - <10
Toluene	108-88-3	0 - <10
Non-hazardous ingredients	Proprietary	Balance

## Section 4: First aid measures

**Emergency telephone number** Poisons Information Center, Australia: 13 11 26  
Poisons Information Center, New Zealand: 0800 764 766

**FIRST AID**

**General advice** IF exposed or concerned: Get medical advice/attention.

**Inhalation** Remove to fresh air.

**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.

**Ingestion** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth immediately and drink plenty of water. Get medical attention if symptoms occur.

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

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**Symptoms** No information available.

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

**Note to physicians** Treat symptomatically.

## **Section 5: Firefighting measures**

### **Suitable extinguishing media**

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

**Unsuitable extinguishing media** No information available.

### **Specific hazards arising from the chemical**

**Specific hazards arising from the chemical** No information available.

### **Special protective actions for fire-fighters**

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **Section 6: Accidental release measures**

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

**Personal precautions** Ensure adequate ventilation.

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

**For emergency responders** Use personal protection recommended in Section 8.

### **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** Pick up and transfer to properly labeled containers.

### **Precautions to prevent secondary hazards**

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

## **Section 7: Handling and storage, including how the chemical may be safely used**

### **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.

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

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

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**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.  
**Incompatible materials** None known based on information supplied.

## Section 8: Exposure controls and personal protection

### Control parameters

### Exposure Limits

Chemical name	Australia
Toluene 108-88-3	50 ppm TWA 191 mg/m <sup>3</sup> TWA 150 ppm STEL 574 mg/m <sup>3</sup> STEL

OEL as published by Safe Work Australia

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** No special protective equipment required.  
**Skin and body protection** Wear suitable protective clothing.  
**Hand protection** Wear suitable gloves. Butyl rubber. Nitrile rubber. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.  
**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Organic gases and vapors filter conforming to EN 14387 White Brown

**Environmental exposure controls** No information available.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

**Physical state** Paste / Gel Liquid  
**Appearance** Very viscous paste  
**Color** Gray  
**Odor** Organic  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable for liquids	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive	No data available	

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<b>limits</b>		
Vapor pressure	No data available	
Vapor density	No data available	
Relative density	No data available	
Water solubility	Insoluble in water	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	150000 - 250000 mPa s	@ 23 °C
Explosive properties	No information available	
Oxidizing properties	No information available	
<b>Other information</b>		
Solid content (%)	No information available	
VOC Content (%)	33 g/L	
Density	No information available	

## Section 10: Stability and reactivity

### Reactivity

Reactivity No information available.

### Chemical stability

Stability Stable under normal conditions.

### Explosion Data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### Conditions to avoid

Conditions to avoid Protect from moisture. Product cures with moisture.

### Incompatible materials

Incompatible materials None known based on information supplied.

### Hazardous decomposition products

Hazardous decomposition products Methyl alcohol. May emit toxic fumes under fire conditions. Carbon oxides.

## Section 11: Toxicological information

### Acute Toxicity

### Information on likely routes of exposure

#### Product Information

Inhalation May cause irritation.

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**Eye contact** May cause irritation.

**Skin contact** May cause irritation. May cause sensitization in susceptible persons.

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Symptoms** No information available.

## Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document  
ATEmix (dermal) 55,000.00 mg/kg

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butanone, O,O',O''-(methylsilylydyne)trioxi me	LD50 = 2463 mg/Kg (Rattus) (OECD 401)	LD50 >2000 mg/Kg (Rattus) (OECD 402)	-
N-(3-(trimethoxysilyl)propyl)eth ylenediamine	=2295 mg/kg (Rattus)	>2000 mg/Kg (Rattus)	LC50 4H (Aerosol)1.5 - 2.44 mg/L air
2-Butanone, oxime	=930 mg/kg (Rattus)	1000 - 1800 mg/kg (Oryctolagus cuniculus)	>4.83 mg/L (Rattus) 4 h
Toluene	=5580 mg/kg (Rattus)	= 12000 mg/kg (Oryctolagus cuniculus)	>20 mg/L (Rattus) 4 h

See section 16 for terms and abbreviations

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

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

Component Information					
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit				Mild skin irritant

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met. May cause sensitization in susceptible persons.

Component Information			
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)			
Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitization	Guinea pig	Dermal	sensitizing

**Germ cell mutagenicity** No information available.

**Carcinogenicity** Contains a known or suspected carcinogen.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia
2-Butanone, oxime 96-29-7	Carc. 2

**Reproductive toxicity** No information available.

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Component Information		
Toluene (108-88-3)		
Method	Species	Results
OECD 407	in vivo	Reproductive toxicant

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard Not applicable.

## Section 12: Ecological information

### Ecotoxicity

#### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
2-Butanone, O,O',O''-(methylsilylidyn e)trioxime 22984-54-9	EC50 (72h) = 94 mg/L (Pseudokirchneriella subcapitata) OECD 201	EC50 (96h) >120 mg/L (Oncorhynchus mykiss) Freshwater static (OECD guideline 203)	-	EC50 (48h) > 120 mg/L (Daphnia magna) OECD 202
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-	LC50 (96H) =597 mg/L (Danio rerio) Semi-static	-	EC50 (48h) =81mg/L Daphnia magna Static
2-Butanone, oxime 96-29-7	EC50: =83mg/L (72h, Desmodesmus subspicatus)	LC50: =760mg/L (96h, Poecilia reticulata) LC50: 777 - 914mg/L (96h, Pimephales promelas) LC50: 320 - 1000mg/L (96h, Leuciscus idus)	EC50 = 281 mg/L 17 h EC50 = 950 mg/L 5 min	EC50: =750mg/L (48h, Daphnia magna)
Toluene 108-88-3	EC50 72 h = 12.5 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h 5.89 - 7.81 mg/L (Oncorhynchus mykiss flow-through) LC50 96 h = 5.8 mg/L (Oncorhynchus mykiss semi-static)	EC50 = 19.7 mg/L 30 min	EC50: =11.5mg/L (48h, Daphnia magna) EC50: 5.46 - 9.83mg/L (48h, Daphnia magna)

### Persistence and degradability

Persistence and degradability Not readily biodegradable. Product cures with moisture.

### Bioaccumulative potential

Bioaccumulation There is no data for this product.

### Component Information

Chemical name	Partition coefficient
2-Butanone, O,O',O''-(methylsilylidyne)trioxime 22984-54-9	1.69
N-(3-(trimethoxysilyl)propyl)ethylenediamine 1760-24-3	-0.3
2-Butanone, oxime 96-29-7	0.65
Toluene 108-88-3	2.7

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## Mobility

**Mobility in soil** No information available.

**Mobility** Insoluble in water.

## Other Adverse Effects

**Other adverse effects** No information available.

## **Section 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.

## **Section 14: Transport information**

**ADG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available

## **Section 15: Regulatory information**

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

#### National Regulations

##### Australia

See section 8 for national exposure control parameters

##### **Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

No poisons schedule number allocated

**Poison Schedule Number** Not applicable

##### **National pollutant inventory**

Subject to reporting requirement

<b>Chemical name</b>	<b>National pollutant inventory</b>
Toluene 108-88-3	10 tonne/yr Threshold category 1 20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total

#### International Inventories

**AICS** Listed

**NZIoC** Listed



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ENCS	Not Listed
IECSC	Not Listed
KECL	Not Listed
PICCS	Listed

#### Legend:

**AICS** - Australian Inventory of Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals  
**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

#### 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

#### **Section 16: Any other relevant information**

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 11-Nov-2019

#### **Revision note**

The symbol (\*) in the margin of this SDS indicates that this line has been revised.

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

#### **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

#### **Section 11: TOXICOLOGICAL INFORMATION**

LD50 (lethal dose)

#### **Section 12: Ecological information**

EC50 (effective concentration)

#### **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**