

BOSTIK GENERAL PURPOSE SILICONE
Revision Number 2

Revision date 04-Mar-2020
Supersedes Date: 06-Feb-2017

Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name BOSTIK GENERAL PURPOSE SILICONE

Product Code(s)

30804562
30804562

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

Serious eye damage/eye irritation	Category 2A - (H319)
Skin sensitization	Category 1B - (H317)

Label elements

Exclamation mark



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Signal word

Warning

Hazard statements

H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation

Precautionary Statements - Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P272 - Contaminated work clothing should not be allowed out of the workplace
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P363 - Wash contaminated clothing before reuse

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 ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing
Small amounts of 2-butanone, oxime (CAS 96-29-7) 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''-(methylsilyldiylidene)trioxime	22984-54-9	0 - <10
Butan-2-one O,O',O''-(vinylsilyldiylidene)trioxime	2224-33-1	0 - <10
3-(Triethoxysilyl) propylamine	919-30-2	0 - <10
2-Butanone, oxime	96-29-7	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 Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

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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	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives. Burning sensation.

Indication of any immediate medical attention and special treatment needed

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

Section 5: Firefighting measures

Suitable extinguishing media

Suitable extinguishing media Dry chemical, CO₂, alcohol-resistant foam or water spray.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Specific hazards arising from the chemical Product is or contains a sensitizer. May cause sensitization by skin contact.

Hazardous combustion products Carbon oxides. Nitrogen oxides (NO_x). Formaldehyde. Silicon oxides.

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 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.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas.

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

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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. 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.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

Incompatible materials Oxidizing agent. Water.

Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing. Small amounts of 2-butanone, oxime (CAS 96-29-7) are formed by hydrolysis and released upon curing.

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).

Skin and body protection Wear suitable protective clothing.

Hand protection Wear suitable gloves. 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.

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
Color Clear, colorless
Odor Slight
Odor threshold No information available

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<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	100 °C	CC (closed cup)
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 limits	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Relative density	0.985	
Water solubility	No data available	
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	No data available	
Explosive properties	No information available	
Oxidizing properties	No information available	
<u>Other information</u>		
Solid content (%)	No information available	
VOC Content (%)	33 g/L	
Density	No information available	

Section 10: Stability and reactivity

Reactivity

Reactivity Stable under recommended storage conditions. Product cures with moisture.

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 Oxidizing agent. Water.

Hazardous decomposition products

Hazardous decomposition products 2-Butanone, oxime. Formaldehyde.

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Section 11: Toxicological information

Acute Toxicity

Information on likely routes of exposure

Product Information

Inhalation	May cause irritation of respiratory tract.
Eye contact	Causes serious eye irritation. May cause redness, itching, and pain.
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 cause irritation. Prolonged contact may cause redness and irritation.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms Itching. Rashes. Hives. May cause redness and tearing of the eyes.

Numerical measures of toxicity - Product Information

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

ATEmix (oral)	16,253.80 mg/kg
ATEmix (dermal)	11,209.60 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butanone, O,O',O''-(methylsilylidyne)trioxime	LD50 = 2463 mg/Kg (Rattus) (OECD 401)	LD50 >2000 mg/Kg (Rattus) (OECD 402)	-
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime	LD50 > 2000 mg/kg (Rattus) OECD 425	LD50 > 2009 mg/kg (Rattus) OECD 402	-
3-(Triethoxysilyl) propylamine	LD50 = 1490 mg/kg (Rat, female) EPA OTS 798.1175	LD50 = 4075 mg/kg (Oryctolagus cuniculus) EPA OTS 798.1100	LC50 >144 mg/L (6h) Rat (Vapour)
2-Butanone, oxime	=930 mg/kg (Rattus)	1000 - 1800 mg/kg (Oryctolagus cuniculus)	>4.83 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	May cause skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	.

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

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Reproductive toxicity No information available.

STOT - single exposure None under normal use conditions.

STOT - repeated exposure None under normal use conditions.

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''-(methylsilylidyne)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
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime 2224-33-1	EC50 (72h) = 16 mg/L (Pseudokirchneriella subcapitata) OECD 201	LC50 (96h) > 120 mg/L (Oncorhynchus mykiss) OECD 203	-	EC50 (48h) > 120 mg/L (Daphnia magna) OECD 202
3-(Triethoxysilyl) propylamine 919-30-2	EC50 (72h) >1000 mg/L Green algae (desmodesmus subspicatus) (OECD TG 201)	LC50 (96h) >934 mg/L (Brachydanio rerio) (OECD TG 203)	-	EC50 (48h) =331 mg/L Daphnia magna (OECD TG 202)
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)

Persistence and degradability

Persistence and degradability No information available.

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
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime 2224-33-1	1.69
3-(Triethoxysilyl) propylamine 919-30-2	1.7
2-Butanone, oxime 96-29-7	0.65

Mobility

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Mobility in soil No information available.

Mobility No information available.

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

No substance(s) listed on inventory

International Inventories

AICS	Listed
NZIoC	Listed
ENCS	Not Listed
IECSC	Listed
KECL	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

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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 04-Mar-2020

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