



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Preparation of safety data sheets for hazardous chemicals Code of Practice June 2023

BOSTIK 5612 BUTYL SEALER WHITE
Revision Number 2

Revision date 15-Sep-2025
Supersedes date 01-Nov-2022

Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name BOSTIK 5612 BUTYL SEALER WHITE

Product Code(s)

30804526

30804526

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

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS) Not classified

Label elements

Hazard statements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS) Not classified

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

IF ON SKIN: Gently wash with plenty of soap and water

IF INHALED: Remove person to fresh air and keep comfortable for breathing

IF SWALLOWED:

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Rinse mouth
Do NOT induce vomiting

Other hazards which do not result in classification
Causes mild skin irritation.
In use, may form flammable/explosive vapor-air mixture.

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)
No poisons schedule number allocated

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

Substance

Not applicable

Mixture

Chemical name	CAS No.	Weight-%
Heptane	142-82-5	1 - 5
Cyclohexane	110-82-7	1 - 5
Hexane	110-54-3	0.1 - 1
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

Description of first aid measures

Inhalation IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

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

Skin contact Wash off immediately with soap and plenty of water for at least 15 minutes.

Ingestion Never give anything by mouth to an unconscious person. Drink 1 or 2 glasses of water. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms Prolonged contact may cause redness and irritation.

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.

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Specific hazards arising from the chemical

Specific hazards arising from the chemical Risk of ignition. Vapors may form explosive mixture with air. Most vapors are heavier than air. Vapors may spread along ground and collect in low or confined areas (sewers, basements, tanks).

Hazardous combustion products Carbon oxides.

Special protective actions for fire-fighters

Special protective equipment and precautions 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.

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 Eliminate all ignition sources if safe to do so. Residues which cannot be recycled are disposed of as chemical waste. Equipment cleaned with organic solvent, washings are collected and disposed of as solvent waste.

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.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature Keep at temperatures between 41 and 77 °F / 5 and 25 °C.

Section 8: Exposure controls and personal protection

Control Parameters

Exposure Limits This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product. This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

Chemical name	Australia
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Heptane 142-82-5	TWA: 400 ppm; TWA: 1640 mg/m ³ ; STEL: 500 ppm; STEL: 2050 mg/m ³ ;
Cyclohexane 110-82-7	TWA: 100 ppm; TWA: 350 mg/m ³ ; STEL: 300 ppm; STEL: 1050 mg/m ³ ;
Hexane 110-54-3	TWA: 20 ppm; TWA: 72 mg/m ³ ;

OEL as published by Safe Work Australia

Biological occupational exposure limits

Appropriate engineering controls

Engineering controls Showers, eyewash stations, and 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 Lightweight protective clothing. No special protective equipment required.

Hand protection Nitrile rubber.

Respiratory protection Organic gases and vapors filter conforming to EN 14387.

Environmental exposure controls No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state Solid
Appearance Thixotropic Paste
Color White
Odor Slight
Odor threshold No information available

Property	Values	Remarks • Method
pH	No data available	Not applicable Insoluble in water
pH (as aqueous solution)	No data available	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability	No data available	
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	
Relative 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	

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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

Other information

Solid content (%)	No information available
Liquid Density	1.9 g/cm ³
VOC content	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 None known based on information supplied.

Incompatible materials

Incompatible materials None known based on information supplied.

Hazardous decomposition products

Hazardous decomposition products Carbon oxides. Nitrogen oxides (NOx). Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Section 11: Toxicological information

Acute toxicity

Information on likely routes of exposure

Inhalation Based on available data, the classification criteria are not met.

Eye contact Based on available data, the classification criteria are not met.

Skin contact Specific test data for the substance or mixture is not available. Causes mild skin irritation.

Ingestion Based on available data, the classification criteria are not met.

Symptoms Prolonged contact may cause redness and irritation.

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Numerical measures of toxicity - Product Information

The following ATE values have been calculated for the mixture

ATEmix (oral)	>5000
ATEmix (dermal)	>5000 mg/kg
ATEmix (inhalation-gas)	>20000
ATEmix (inhalation-vapor)	>20
ATEmix (inhalation-dust/mist)	>5 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Heptane	LD50 > 5000 mg/Kg (rattus)	= 3000 mg/kg (Oryctolagus cuniculus)	=103 g/m ³ (Rattus) 4 h
Cyclohexane	=12705 mg/kg (Rattus)	> 2000 mg/kg (Oryctolagus cuniculus)	>9500 ppm (Rattus) 4 h
Hexane	=25 g/kg (Rattus)	= 3000 mg/kg (Oryctolagus cuniculus)	=48000 ppm (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 Classification based on data available for ingredients. Causes mild skin irritation.

Component Information					
Hexane (110-54-3)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal		24 hours	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.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Component Information		
Heptane (142-82-5)		
Method	Species	Results
OECD Test No. 473: In vitro Mammalian Chromosome Aberration Test	Rat, in vitro	Not mutagenic
OECD Test No. 471: Bacterial Reverse Mutation Test		Not mutagenic in AMES Test

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Classification based on data available for ingredients.

Aspiration hazard Based on available data, the classification criteria are not met.

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Section 12: Ecological information

Ecotoxicity

Aquatic ecotoxicity

Based on available data, the classification criteria are not met.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Heptane 142-82-5	-	LC50: =375.0mg/L (96h, Cichlid)	-	EC50: >10mg/L (24h, Daphnia magna)
Cyclohexane 110-82-7	EC50 72 h > 9.3 mg/L (Pseudokirchnerella subcapitata)	LC50: 23.03 - 42.07mg/L (96h, Pimephales promelas) LC50: 48.87 - 68.76mg/L (96h, Poecilia reticulata) LC50: 3.96 - 5.18mg/L (96h, Pimephales promelas) LC50: 24.99 - 44.69mg/L (96h, Lepomis macrochirus)	EC50 = 85.5 mg/L 5 min EC50 = 93 mg/L 10 min	EC50: >0.9 mg/L (24h, Daphnia magna)
Hexane 110-54-3	-	LC50: 2.1 - 2.98mg/L (96h, Pimephales promelas)	-	EC50: >1000mg/L (24h, 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
Heptane 142-82-5	4.66
Cyclohexane 110-82-7	3.44
Hexane 110-54-3	4

Mobility

Mobility in soil

No information available.

Mobility

No information available.

Other adverse effects

Other adverse effects

No information available.

Section 13: Disposal considerations

Disposal methods

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Waste from residues/unused products Should not be released into the environment. Uncured product should be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Handle contaminated packages in the same way as the product itself.

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

Illicit Drug Precursors/Reagents

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

National pollutant inventory

Subject to reporting requirement

Chemical name	National pollutant inventory
Heptane 142-82-5	20 MW Threshold category 2b as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC 60000 MWH Threshold category 2b as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC 1 tonne/h Threshold category 2a as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC 25 tonne/yr Threshold category 1a as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC 400 tonne/yr Threshold category 2a as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC 2000 tonne/yr Threshold category 2b as Total Volatile Organic Compounds: the sum, by mass, of individual VOC, including non-NPI VOC
Cyclohexane 110-82-7	10 tonne/yr Threshold category 1 VOC

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Hexane 110-54-3	10 tonne/yr Threshold category 1 VOC
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International Inventories

AIIC	Complies
NZIoC	Not Listed
ENCS	Not Listed
IECSC	Not Listed
KECL	Not Listed
PICCS	Not Listed

Legend:

AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals
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

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

Europe

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Directive 2011/65/EU (EU RoHS 2), as amended by the Delegated Directive (EU) 2015/863 (EU RoHS 3)

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

Section 16: Any other relevant information

Prepared By Product Safety & Regulatory Affairs

Revision date 15-Sep-2025

Revision Note

***Indicates updated data since last publication.

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	Sk*	Skin designation
C	Carcinogen		

Section 11: TOXICOLOGICAL INFORMATION

LD50 (lethal dose)

Section 12: Ecological information

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EC50 (effective concentration)

Disclaimer

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End of Safety Data Sheet