



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
GHS: The Globally Harmonized System of Classification and Labeling of Chemicals

**BOSTIK FIRECAULK**  
Revision Number 4.04

**Revision date** 28-Feb-2022  
**Supersedes Date:** 22-Dec-2021

## Section 1: Identification

### Product identifier

**Product Name** BOSTIK FIRECAULK

### Other means of identification

### Recommended use of the chemical and restrictions on use

**Recommended use** No information available

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

#### Supplier

Bostik New Zealand Limited  
19 Eastern Hutt Road Wingate,  
Lower Hutt, New Zealand  
Tel: 04-567 5119  
Fax: 04-567 5412

#### Manufacturer

Bostik New Zealand Limited  
19 Eastern Hutt Road Wingate,  
Lower Hutt, New Zealand  
Tel: 04-567 5119  
Fax: 04-567 5412

**E-mail address** SDS.AP@Bostik.com

### Emergency telephone number

**Emergency Telephone** 24 Hr: 0800 243 622  
International +64 4 917 9888  
Poison Centre : 0800 764 766

## Section 2: Hazard identification

### GHS Classification

|                              |                          |
|------------------------------|--------------------------|
| <b>Reproductive toxicity</b> | Category 2 (HSNO - 6.8B) |
|------------------------------|--------------------------|

### Label elements



**Signal word**  
Warning

### **Hazard statements**

H361 - Suspected of damaging fertility or the unborn child

### **Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/protective clothing/eye protection/face protection

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## Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

## Precautionary Statements - Storage

Store locked up

## Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

## Other hazards which do not result in classification

Toxic to aquatic life.

## Section 3: Composition/information on ingredients

| Chemical name          | CAS No      | Weight-% |
|------------------------|-------------|----------|
| Zinc borate hydrate    | 138265-88-0 | 5 - <10  |
| Octylphenol ethoxylate | 9036-19-5   | 0.1- <1  |

|                           |             |         |
|---------------------------|-------------|---------|
| Non-hazardous ingredients | Proprietary | Balance |
|---------------------------|-------------|---------|

## Section 4: First-aid measures

### Description of first aid measures

|                |                                                                                                                      |
|----------------|----------------------------------------------------------------------------------------------------------------------|
| General advice | Show this safety data sheet to the doctor in attendance.                                                             |
| 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      | Rinse mouth.                                                                                                         |

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

|          |                           |
|----------|---------------------------|
| Symptoms | No information available. |
|----------|---------------------------|

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

|                    |                        |
|--------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|--------------------|------------------------|

## Section 5: Fire-fighting measures

### Suitable Extinguishing Media

|                              |                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|------------------------------|---------------------------------------------------------------------------------------------------------|

|            |                                                                    |
|------------|--------------------------------------------------------------------|
| Large Fire | CAUTION: Use of water spray when fighting fire may be inefficient. |
|------------|--------------------------------------------------------------------|

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

### Specific hazards arising from the chemical

|                                            |                           |
|--------------------------------------------|---------------------------|
| Specific hazards arising from the chemical | No information available. |
|--------------------------------------------|---------------------------|

### Special protective actions for fire-fighters

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

## 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** Clean contaminated objects and areas thoroughly observing environmental regulations.

## Section 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. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes.

**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

**Storage Conditions** Store locked up.

**Recommended storage temperature** Keep at temperatures between 41 and 95 °F / 5 and 35 °C.

**Incompatible materials** None known based on information supplied.

## Section 8: Exposure controls/personal protection

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

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## Appropriate engineering controls

Engineering controls      Showers  
Eyewash stations  
Ventilation systems.

## Individual protection measures, such as personal protective equipment

Eyeface protection      No special protective equipment required.

Hand protection      Wear suitable gloves.

Skin and body protection      Wear suitable protective clothing.

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      No information available  
Color      No information available  
Odor      No information available.  
Odor threshold      No information available

| <u>Property</u>                         | <u>Values</u>             | <u>Remarks • Method</u> |
|-----------------------------------------|---------------------------|-------------------------|
| pH                                      | No data available         | None known              |
| Melting point / freezing point          | No data available         | None known              |
| Initial boiling point and boiling range | No data available         | None known              |
| Flash point                             | No data available         | None known              |
| Evaporation rate                        | No data available         | None known              |
| Flammability                            | No data available         | None known              |
| Flammability Limit in Air               |                           | None known              |
| Upper flammability or explosive limits  | No data available         |                         |
| Lower flammability or explosive limits  | No data available         |                         |
| Vapor pressure                          | No data available         | None known              |
| Relative vapor density                  | No data available         | None known              |
| Relative density                        | No data available         | None known              |
| Water solubility                        | No data available         | None known              |
| Solubility(ies)                         | No data available         | None known              |
| Partition coefficient                   | No data available         | None known              |
| Autoignition temperature                | No data available         | None known              |
| Decomposition temperature               |                           | None known              |
| Kinematic viscosity                     | No data available         | None known              |
| Dynamic viscosity                       | No data available         | None known              |
| Explosive properties                    | No information available. |                         |
| Oxidizing properties                    | No information available. |                         |

### Other information

Softening Point      No information available  
Molecular weight      No information available  
VOC Content (%)      No information available  
Liquid Density      No information available  
Bulk density      No information available  
Particle characteristics

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## 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 None known based on information supplied.

## Section 11: Toxicological information

### Acute toxicity

### Information on likely routes of exposure

#### Product Information

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

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

Symptoms No information available.

### Acute toxicity

#### Numerical measures of toxicity

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

#### Component Information

| Chemical name       | Oral LD50                 | Dermal LD50                                 | Inhalation LC50      |
|---------------------|---------------------------|---------------------------------------------|----------------------|
| Zinc borate hydrate | LD50 >5000 mg/Kg (Rattus) | LD50 >2000 mg/Kg<br>(Oryctolagus cuniculus) | LC50 >5mg/L (Rattus) |

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|                        |                      |   |   |
|------------------------|----------------------|---|---|
| Octylphenol ethoxylate | =1700 mg/kg (Rattus) | - | - |
|------------------------|----------------------|---|---|

## 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.

**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.

**Carcinogenicity** No information available.

**Reproductive toxicity** Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. Suspected of damaging fertility or the unborn child.

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

**Respiratory irritation** No information available.

**Narcotic effects** No information available.

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

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

## **Section 12: Ecological information**

### Ecotoxicity

**Ecotoxicity** Toxic to aquatic life.

### **Aquatic ecotoxicity**

| Chemical name          | Algae/aquatic plants | Fish                                                           | Crustacea |
|------------------------|----------------------|----------------------------------------------------------------|-----------|
| Octylphenol ethoxylate | -                    | LC50, Pimephales promelas (fathead minnow), 96 Hour, > 60 mg/l | -         |

**Terrestrial ecotoxicity** There is no data for this product.

**Persistence and degradability** No information available.

### Bioaccumulative potential

**Bioaccumulation** No information available.

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## Mobility in soil

## Other adverse effects

### Endocrine Disruptor Information

| Chemical name          | EU - REACH (1907/2006) - Article 59(1) - Candidate List of Substances of Very High Concern (SVHC) for Authorisation | EU - REACH (1907/2006) - Endocrine Disruptor Assessment List of Substances |
|------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Octylphenol ethoxylate | Endocrine disrupting properties.                                                                                    | -.                                                                         |

## Section 13: Disposal considerations

### Disposal methods

#### Waste from residues/unused products

Dispose of product in packaging in a way that is consistent with the EPA Consolidation 30 April 2021 of the Hazardous Substances (Disposal) Notice 2017 and the Act. Treat the substance using a method that changes the characteristics or composition of the substance so that the substance is no longer a hazardous substance; or export the substance from New Zealand as waste. Substances which are hazardous to human health or corrosive to metals – may be discharged into the environment if a tolerable exposure limit has been set for the substance (or a component of that substance); and the discharge does not, after reasonable mixing, result in the concentration of the substance in an environmental medium exceeding the tolerable exposure limit. If there is no tolerable exposure limit for the substance, then it may only be discharged into the environment if the substance is very rapidly converted to substances that are not hazardous substances.

#### Contaminated packaging

For packages that have been in direct contact with hazardous substances, the person must ensure that the package is rendered incapable of containing any substance. It must be disposed of in a manner that is consistent with the requirements for disposal of the substance that it contained, taking into account the material the package is manufactured from. Packages may only be reused or recycled if:

- the substance has a physical hazard other than corrosive to metal, and has been treated to remove any residual contents of the hazardous substance;
- or for substances that have a health or environmental hazard, or corrosive to metal, the contents of the residue in the package are below the threshold for the substance to be classified as hazardous in the Hazardous Substances (Hazard Classification) Notice 2020.

## Section 14: Transport information

IATA Not regulated

IMDG Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
No information available

ADR Not regulated

## Section 15: Regulatory information

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

New Zealand

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ERMA Group

HSR002670

| Chemical name                      | New Zealand HSNO Chemical Classification                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Octylphenol ethoxylate - 9036-19-5 | - 6.1E (All),6.1E (O),6.3B,6.4A,9.1A (All),9.1A (A),9.1B (F),9.1B (C) (HSR003134)<br>>50% in a non hazardous diluent - 6.1E (All),6.1E (O),6.3B,6.4A,9.1A (All),9.1A (A),9.1B (F),9.1B (C) (HSR006595)<br>>26-50% in a non hazardous diluent - 6.3B,6.4A,9.1A (All),9.1A (A),9.1B (F),9.1B (C) (HSR006612)<br>>1-2% in a non hazardous diluent - 9.1C (All),9.1C (A) (HSR006653) |

## National regulations

There are no applicable tolerable exposure limits or environmental exposure limits according to the EPA Controls for Hazardous Substances

## Certified handlers, tracking and controlled substance license requirements

Certified handlers are required for some substances. This includes substances requiring a controlled substance license, and most explosives, vertebrates toxic agents, and certain fumigants. Acutely toxic substances which are a Category 1 or 2, such as pesticides also require Certified handlers. Please check the Health and Safety at Work Act 2015 for further information

Tracking is required for some highly hazardous substances. These substances need to be under the control of an appropriately trained person or appropriately secured. Please check the Health and Safety at Work Act 2015 for further information

Controlled substance licenses are required to possess certain explosives, vertebrate toxic agents and fumigants. See Part 7 of the Health and Safety at Work Regulation 2017 for more information

## EPA New Zealand HSNO approval code or group standard

## 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: Other information

Revision date 28-Feb-2022

### Revision Note

\*\*\*Indicates updated data since last publication.

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

#### Legend 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                  |      |                                  |

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

EPA (Environmental Protection Agency)

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Toxicology Program (NTP)

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

World Health Organization

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## 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**