



## GIB Fire Soundseal® Safety Data Sheet

13 April 2022

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

**Product name:** GIB Fire Soundseal®

**Other means of identification:**

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

**Recommended use:** Sealant

**Uses advised against** No information available

**Company** Winstone Wallboards Ltd

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Auckland, NEW ZEALAND

**Website:** [www.gib.co.nz](http://www.gib.co.nz)  
**Email:** [info@gib.co.nz](mailto:info@gib.co.nz)  
**Ph:** 09 633 0100

**Emergency Contact:** National Poisons Centre: N.Z  
Free call 24 hours a day, 7 days a week  
In NZ 0800 POISON (0800 764 766)  
or for Emergency Services dial 111

**Date of preparation:** 13 April 2022

### SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Reproductive toxicity	Category 2 (HSNO – 6.8B)
Chronic aquatic toxicity	Category 2 (HSNO - 9.1C)

Label elements



**Signal word**  
Warning

**Hazard statements**

H361 - Suspected of damaging fertility or the unborn child  
H412 –Harmful to aquatic life with long lasting effects

**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  
Avoid release to the environment

**Precautionary Statements – Response**



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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

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Toxic to aquatic life.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients Composition

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 necessary first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation:</b>	Remove to fresh air.
<b>Eye contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact:</b>	Wash skin with soap and water.
<b>Ingestion:</b>	Rinse mouth.

### Most important symptoms/effects, 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:

<b>Suitable extinguishing media:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large Fire:</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media:</b>	Do not scatter spilled material with high pressure water streams.



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

**Special protective actions 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:** See Section 12 for additional Ecological Information.

#### Methods and material for containment and cleaning up:

**Methods for containment** . Do not scatter spilled material with high pressure water streams

**Methods for cleaning up** Pick up and transfer properly labelled containers.

#### Precautions to prevent secondary hazards

**Prevention of secondary hazards:** Clean up 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 product.

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

**Storage conditions** Store locked up. Protect from moisture.

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

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

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Control Parameters

**Exposure Limits** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

**Biological occupational exposure Limits** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing





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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: Protect from moisture.

#### Incompatible materials

Incompatible materials: None known based on information supplied.

#### Hazardous decomposition products

Hazardous decomposition products: Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.



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### 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 (Oryctolagus cuniculus)	_ LC50 >5mg/L (Rattus)
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.



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<b>Respiratory irritation</b>	No information available.
<b>Narcotic effects</b>	No information available.
<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data, the classification criteria are not met.

### SECTION 12: ECOLOGICAL INFORMATION

#### Ecotoxicity

**Ecotoxicity** Toxic to aquatic. Toxic to aquatic life with long lasting effects

#### Aquatic ecotoxicity

**Unknown aquatic toxicity** 0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

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** There is no data for this product.

#### **Component Information**

**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 Concen (SVHC) for Authorisation	EU – REACH (1907/2006) – Endocrine Disruptor Assessment List of Substances
Octylphenol ethoxylate	Endocrine disrupting properties	-



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### 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 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. Environmentally hazardous substances – if the substance, or if it contains a component that is hazardous to the aquatic environment or bioaccumulative and not rapidly degradable, then any component that is bioaccumulative and not rapidly degradable must be removed. The product may only be discharged into the environment if an environmental exposure limit has been set for the substance (or a component of the substance); and the discharge does not, after reasonable mixing, result in the concentration of the substance in an environmental medium exceeding the environmental exposure limit.

#### 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



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### SECTION 15: REGULATORY INFORMATION

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

##### New Zealand

ERMA Group: HSR002670

Chemical name	New Zealand HSNO Chemical C
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) >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) >26-50% in a non hazardous diluent - 6.3B,6.4A,9.1A (All),9.1A (A),9.1B (F),9.1B (C) (HSR006612) >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 Regulation2017 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



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The Stockholm Convention on Persistent Organic Pollutants: Not applicable

The Rotterdam Convention: Not applicable

### SECTION 16: OTHER INFORMATION

Revision date 13-Apr-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

#### 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 SDS**