

Code	Description	Size	Colour
20067	FixAll 220 MS Sealant	465gr	White
20068	FixAll 220 MS Sealant	465gr	Grey
20070	FixAll 220 MS Sealant	465gr	Black
20071	FixAll 220 MS Sealant	600ml	Black
20072	FixAll 220 MS Sealant	600ml	Grey
20073	FixAll 220 MS Sealant	600ml	White
20074	FixAll 220 MS Sealant	600ml	Concrete Grey

Recommended use:	Flexible Sealant	
HSNO group standard:	Not required.	
UN number, shipping name and packaging group:	Not required.	
Supplier contact details:	Holdfast NZ Ltd	Freephone: 0800 70 10 80
	14 Avalon Drive	Phone: (07) 847 5540
	Nawton	Fax: (07) 847 0324
	Hamilton 3200	Email: sales@holdfast.co.nz
	New Zealand	Website: <a href="http://www.holdfast.co.nz">www.holdfast.co.nz</a>
<b>POISON CENTRE NUMBER: 0800 764 766 (24 hours)</b>		

## 2. Hazards Identification

### 2.1 Hazardous Substances and New Organisms (HSNO) classification:

Non-hazardous according to HSNO criteria.

### 2.2 Symbols:

Not required.

### 2.3 Precautionary Statements:

Not required.

## 3. Composition/Information on Ingredients

### 3.1 Information on the ingredients used in the substance:

Non-hazardous according to HSNO criteria.

## 4. First Aid Measures

### 4.1 Skin contact:

Rinse with soap and water. If irritation develops and persists seek medical assistance.

### 4.2 Eye contact:

Rinse with water. Take victim to an ophthalmologist if irritation persists.

### 4.3 Inhalation:

Remove affected individual to fresh air. If develop respiratory problems seek medical assistance.

### 4.4 Ingestion:

Rinse mouth with water. If ingestion occurs give lots of water to drink. If affected individual becomes unwell seek medical assistance.

### 4.5 Advice for physicians:

Treat symptomatically.

## 5. Fire-Fighting Measures

**5.1 Extinguishing media:**

Use any effective media. No unsuitable media known.

**5.2 Special hazards due to combustion:**

Combustion will result in the production of carbon monoxide and carbon dioxide and small quantities of nitrous oxide.

**5.3 Advice for fire-fighters:**

Use gloves and protective clothing. If exposed to heat or fire use compressed air/oxygen apparatus

**5.4 Hazchem code:**

No data.

## 6. Accidental Release Measures

**6.1 Personal precautions:**

Wear protective equipment to prevent contact through skin, eyes and lungs.

**6.2 Environmental precautions:**

Use appropriate containment to avoid environmental contamination.

**6.3 Methods for cleaning up:**

Cover solid spill with sand. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

**6.4 Disposal:**

Product is considered non-hazardous according to HSNO criteria and may be disposed of within landfill or incinerated. For incineration mixed product first with combustible solvent. Contact local and regional authorities for further direction.

## 7. Handling and Storage

**7.1 Handling:**

Keep away from naked flames and heat. Maintain proper hygiene when using this product. Keep container tightly closed.

**7.2 Storage:**

Store in a dry area at room temperature.

## 8. Exposure Controls/Personal Protection

**8.1 Exposure limits:**

Non-hazardous according to HSNO criteria.

**8.2 Engineering Controls:**

Keep away from naked flames and heat.

**8.3 Exposure controls:**

Control	Protective measure
Eye	Use safety glasses to avoid contact with eye.
Respiratory	Respiratory protection not required under normal conditions.
Skin	Wear protective clothing to avoid contact with skin.

## 9. Physical and Chemical Properties

**9.1 General substance properties:**

Property	Details
Appearance	Paste with variable colour, depending on composition
Odour	Mild

<b>pH</b>	No data.
<b>Vapour pressure</b>	No data.
<b>Viscosity</b>	No data.
<b>Boiling Point</b>	No data.
<b>Volatile materials</b>	VOC of 1.48% (<30g/litre)
<b>Freezing/melting point</b>	No data.
<b>Solubility</b>	Soluble in organic solvents
<b>Specific gravity/density</b>	Density of 1.42
<b>Flash point</b>	>200°C
<b>Danger of explosion</b>	No data.
<b>Auto-ignition temperature</b>	No data.
<b>Upper and lower flammability limits</b>	No data.
<b>Corrosiveness</b>	No data.

## 10. Stability and Reactivity

### 10.1 Stability:

Stable under normal conditions.

### 10.2 Conditions to avoid:

Keep away from naked flames/heat.

### 10.3 Incompatible materials to avoid:

Water/moisture

### 10.4 Hazardous decomposition products:

Combustion can result in the release of carbon dioxide, carbon monoxide and small quantities of nitrous vapours.

## 11. Toxicological Information

### 11.1 Summary of Toxicity

This product is considered non-toxic. Ingestion may still cause sickness to varying degrees in individuals.

### 11.2 Acute toxicity:

Test	Data and symptoms of exposure
<b>Oral</b>	Ingestion may cause nausea and vomiting.
<b>Dermal</b>	No data.
<b>Inhaled</b>	No data.
<b>Eye</b>	No data.
<b>Skin</b>	No data.

### 11.3 Chronic toxicity:

Test	Data and symptoms of exposure
<b>Sensitisation</b>	No data.

<b>Mutagenicity</b>	No data.
<b>Carcinogenicity</b>	No data.
<b>Reproductive/developmental</b>	No data.
<b>Systemic/targeted organs</b>	No data.

## 12. Ecological Information

### 12.1 Ecological properties

<b>Ecology</b>	<b>Ecological data</b>
<b>Aquatic ecotoxicity</b>	No data.
<b>Soil ecotoxicity</b>	No data.
<b>Terrestrial vertebrate</b>	No data.
<b>Terrestrial invertebrate</b>	No data.
<b>Mobility</b>	This product contains 1.48% volatile organic compounds (VOC).
<b>Degradability</b>	No data.

## 13. Disposal Considerations

### 13.1 Disposal methods:

This product may be treated by burning in an incineration facility. Dissolve or mix product first with combustible solvent. Burning must be managed to the performance requirements of regulation 6(3)(b) of the Hazardous Substances (Disposal) Regulations 2001. This product may also be disposed of in a landfill provided this product is kept separated from contact with explosives, oxidisers and ignition sources at all times. Further details can be provided by the local and regional authorities in regards to compliance with the Resource Management Act.

### 13.2 Disposal restrictions:

The burning operation must not exceed any relevant exposure limits and/or environmental exposure limits set for the substance or any of its components. Disposal in a landfill may only be performed where this product is kept separated from contact with explosives, oxidisers and ignition sources at all times. Disposal in a landfill must also not exceed any relevant exposure limits and/or environmental exposure limits set for the substance or any of its components. Further details can be provided by the local and regional authorities in regards to compliance with the Resource Management Act.

### 13.3 Special precautions for disposal:

This product is considered a water pollutant in Germany.

## 14. Transport Information

### 14.1 Dangerous goods transport information:

<b>Identification</b>	<b>Details</b>	<b>Identification</b>	<b>Details</b>
<b>UN number</b>	No data.	<b>Proper shipping name</b>	No data.
<b>UN class</b>	No data.	<b>Subsidiary risk</b>	No data.
<b>UN packing group</b>	No data.	<b>Hazchem code</b>	No data.

### 14.2 Transport provisions by land according to the Standard for the Transport of Dangerous Goods on Land (NZS 5433):

No data.

### 14.3 Transport provisions by sea according to the International Maritime Dangerous Goods (IMDG) code:

No data.

### 14.4 Transport provisions by air according to International Civil Aviation Organization (ICAO) Technical Instructions:

No data.

## 15. Regulatory Information

### 15.1 HSNO approval number and Group Standard:

Not required.

### 15.2 Group Standard conditions and other regulations:

Condition	Requirement
MSDS	Not required.
Labelling	Not required.
Emergency plan	Not required.
Approved handler	Not required.
Tracking	Not required.
Bunding and secondary containment	Not required.
Signage	Not required.
Test certificate	Not required.
Flammable zone	Not required.
Fire extinguisher	Not required.

## 16. Other Information

### 16.1 Date of preparation or revision:

Revised 30th September 2014. Format updated.  
Revised 17<sup>th</sup> May 2016. 20400 added.

### 16.2 Abbreviations:

Abbreviation	Description
CAS number	Number assigned to chemical in the Chemical Abstracts Service registry
HAZCHEM code	Code used by fire-fighters to determine correct method of action in the case of fire
HSNO	Hazardous Substances and New Organisms (Act)
ICAO Technical Instructions	International Civil Aviation Organization Technical Instructions
IMDG code	International Maritime Dangerous Goods code controlled by the International Maritime Organization (IMO)
LC <sub>50</sub>	Lethal concentration 50% - concentration fatal to 50% of the tested population
LD <sub>50</sub>	Lethal dose 50% - dose fatal to 50% of the tested population
NZS 5433	New Zealand Standard 5433 (Standard for the Transport of Dangerous Goods on Land)
SDS	Safety data sheet
STEL	Short term exposure limit
TWA	Time weighted average (typically measured as 8 hours)
UN number	United nations number
WES	Workplace exposure standard

### 16.3 References

Chemical properties and HSNO classifications derived from the New Zealand chemical classification information database (CCID).[www.epa.govt.nz](http://www.epa.govt.nz).  
European Chemical Substances Information System (ESIS). <http://esis.jrc.ec.europa.eu/>

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