

## SAFETY DATA SHEET

**Item Code: N0516**

### Section 1. Identification of the material and the supplier

Item Code:	N0516
Product:	Silaseal and Coloured Silicone
Product Use:	Sealant
New Zealand Supplier:	Realcold Ltd
Address:	9 Prescott Street Penrose, Auckland
Telephone:	09 526 5700
Fax Number:	09 526 5721
<b>Emergency Telephone:</b>	<b>09 526 5700</b> <b>0800 766 764 (National Poison Centre)</b>
Manufacturer:	Holdfast NZ, 14 Avalon Drive, Hamilton
Date of MSDS Preparation:	14 March 2017- ver 2

### Section 2. Hazards Identification

**This substance has been determined by the manufacturer to be not hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001**

### Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Trimethoxy (methyl) silane	1 - 5	1185-55-3
Organotitanium compound with alkoxy silane	1 - 5	
Silica, fumed	1 - 5	112945-52-5
Limestone	> 10	1317-65-3

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician immediately.
If on Skin	Remove contaminated clothing and wash skin with warm soapy water. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance

If Swallowed                      If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

If Inhaled                              Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

**Section 5.                      Fire Fighting Measures**

<b>Hazard Type</b>	Not combustible
<b>Hazards from decomposition products</b>	Upon combustion CO and CO2 are formed.
<b>Suitable Extinguishing media</b>	Polyvalent foam, ABC powder, carbon dioxide
<b>Precautions for firefighters and special protective clothing</b>	Heat/fire exposure: compressed air/oxygen apparatus. Protective clothing for exposure to chemicals.
<b>HAZCHEM CODE</b>	None allocated

**Section 6.                      Accidental Release Measures**

Use appropriate containment to avoid environmental contamination.

Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water.

**Section 7.                      Handling and Storage**

**Handling**                      Observe normal hygiene standards.

**Storage**                              Keep container tightly closed Store in a dry area  
Storage temperature:              Room temperature  
Storage life:                              365 days  
Materials for packaging:              Plastics

**Section 8                      Exposure Controls / Personal Protection**

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

<b>Substance</b>	<b>TWA</b>		<b>STEL</b>	
	<b>ppm</b>	<b>mg/m3</b>	<b>ppm</b>	<b>mg/m3</b>
Limestone (as dust)		10 mg/m <sup>3</sup>		

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

**Engineering Controls** Use only in well ventilated area

**Personal Protection** Respiratory protection not required for normal conditions of use.  
Use chemically resistant gloves, safety glasses and suitable protective clothing

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Paste
<b>Odour</b>	Odourless
<b>Colour</b>	Variable in colour
<b>Relative Density (@ 20°C)</b>	1.0 – 1.3
<b>Solubility in Water</b>	Insoluble
<b>Soluble in</b>	Organic solvents

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable under normal conditions. Cures to a rubbery texture on exposure to air
<b>Conditions to Avoid</b>	Extreme heat prior to curing
<b>Incompatible Materials</b>	Solvents
<b>Hazardous Decomposition Products</b>	None likely to be formed

## Section 11 Toxicological Information

### Acute toxicity:

<b>Silica, fumed</b>	LD50 oral rat:	3160 mg/kg
	LD50 dermal rabbit:	> 5000 mg/kg

<b>Limestone</b>	LD50 oral rat:	6450 mg/kg
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### Chronic toxicity:

<b>Silica, fumed</b>	Teratogenicity (MAK):	C
	IARC classification :	3

## Section 12. Ecotoxicological Information

Unlikely to cause harmful effects to the environment

## Section 13. Disposal Considerations

Dispose of according to the local authorities

## Section 14 Transport Information

Not classified as a Dangerous Good for transport in NZ ; NZS 5433:2007

<b>Section 15</b>	<b>Regulatory Information</b>
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This substance is not hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

<b>Section 16</b>	<b>Other Information</b>
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1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

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Please contact the New Zealand distributor, Realcold Ltd, if further information is required.

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