

Non-Shrink Grout

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

Product Identifier:

Product name	Non-Shrink Grout
Synonyms	Grout
Proper shipping name	Not Applicable.
Other means of identification	0000006067636

Relevant identified uses of the substance/mixture:

Relevant identified use	Grout
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Details of manufacturer/supplier:

Company name	Peter Fell Ltd
Address	81 Patiki Rd, Avondale, Auckland 1026, New Zealand
Telephone	+64 9 828 6460
Website	www.peterfell.co.nz
e-mail	info@peterfell.co.nz

Emergency telephone number:

Association/Organisation	National Poison Centre
Telephone	0800 764 766
Website	www.poisons.co.nz

SECTION 2: HAZARD IDENTIFICATION

Classification of the substance/mixture:

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Not regulated for transport of Dangerous Goods.

HSNO Classification	6.3A, 6.5B, 8.3A
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Label Elements:

Hazard pictogram(s)	
Signal Word	DANGER

Hazard statement(s):

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

Precautionary Statement(s) Prevention:

P261	Avoid breathing dust.
P264	Wash skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/eye protection/face protection.

Precautionary Statement(s) Responses:

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+PP338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses., if present and easy to do so. Continue rinsing.
P310	Immediately call a POISON CENTRE/doctor/physician/first aider.
P321	Specific treatment.
P333+P313	If skin irritation or rash occurs, get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.

Precautionary Statement(s) Storage:

P405	Store locked up.
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Precautionary Statement(s) Disposal:

P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Name	CAS Number	Proportion
Quartz (SiO2)	14808-60-7	50 - 70%
Cement, Portland, chemicals	65997-15-1	30 - 50%
Calcium sulphate	7778-18-9	1 - 10%

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: FIRST AID

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Description of first aid measures:

Eye Contact	- Wash out immediately with fresh running water.
	- If irritation continues, seek medical attention.
	- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	- Flush skin and hair with running water (and soap if available).
	- Seek medical attention in event of irritation.
Inhalation	- If fumes, aerosols or combustion products are inhaled remove from contaminated areas.
	- Other measures are usually unnecessary.
Ingestion	- Immediately give a glass of water.
	- First aid is generally not required. In doubt, contact Poison Information Centre or doctor.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

Special hazards arising from the substance or mixture

Fire Incompatibility	- None known.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

Methods and material for containment and clean up.

Minor Spills	- Clean up spills immediately.
	- Avoid breathing dust and contact with skin and eyes.
	- Control personal contact with the substance, by using protective equipment.
	- Contain and absorb spill with sand, earth, inert material or vermiculite.
	- Place in a suitable, labelled container for waste disposal.
Major Spills	- Absorb or contain spill with sand, earth, inert material or vermiculite.
	- If contamination of drains or waterways occurs, advise emergency services.
	- After clean up operations, decontaminate and launder all protective clothing and equipment before storing or re-using.

7. STORAGE AND HANDLING

Precautions for safe handling.

Safe handling	- Limit all unnecessary personal contact.
	- Wear protective clothing when risk of exposure occurs
	- Use in well-ventilated area
	- Avoid dust formation.
	- When handling, do not eat, drink or smoke.

Safe handling (continued)	- Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
	- Avoid physical damage to containers.
	- Always wash hands with soap and water after handling.
	- Work clothes should be laundered separately.
Other information	- Use good occupational practices.
	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

Appropriate engineering controls	- Not Applicable
Personal Protection	
Eye and Face Protection	- Safety glasses with side shields. - Chemical goggles.
Skin Protection	- See Hand protection below
Hand/feet Protection	- Wear chemical protective gloves. e.g. light weight rubber gloves - Wear safety footwear or safety gumboots e.g rubber
Body Protection	- Overalls
Other Protection	- Use respirator protection unless adequate local exhaust ventilation is provided.

Components with workplace control parameters

<i>Component</i>	<i>CAS-No</i>	<i>Value type (form of exposure)</i>	<i>Control parameters/ Permissible concentration</i>	<i>Basis</i>
Quartz (SiO ₂)	14808-69-7	WES-TWA (respirable dust)	0.05 mg/m ³	NZ OEL
Cement (Portland)	65997-15-1	WES-TWA (respirable dust)	3 mg/m ³	NZ OEL
Calcium sulphate	7778-18-9	WES-TWA (respirable dust)	10 mg/m ³	NZ OEL

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey powder	Bulk Density	1.8 kg/m ³
Physical State	Powder	Auto-Ignition Temperature (°C)	Not Applicable
Odour	odourless	Decomposition Temperature (°C)	Not Available
pH	>11	Viscosity (cSt)	Not Available
Melting Point (°C)	Not Available	Molecular weight (g/mol)	Not Available
Freezing Point (°C)	Not Available	Taste	Not Available
Boiling Point (°C)	Not Available	Explosive Properties	Not Available
Flash Point (°C)	Not Applicable	Oxidising Properties	Not Available
Evaporation Rate	Not Available	Volatile Component (%)	Not Available
Explosive Properties	Not Available	VOC g/L	Not Available
Upper Explosive Limit (%)	Not Applicable	Solubility in water (g/L)	Insoluble
Lower Explosive Limit (%)	Not Applicable	Vapour Density in Air (Air = 1)	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity	No dangerous reactions known under conditions of normal use.
Chemical Stability	Product is considered stable.
Possibility of Hazardous Reactions	No hazards to be specifically mentioned.
Conditions to Avoid	No data available.
Incompatible Materials	No data available.
Hazardous Decomposition Products	No data available.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Not classified based on available information.

Inhaled	- The material is not thought to produce adverse health effects or irritation of the respiratory tract.
Ingestion	- The material is not classified as harmful by ingestion.
Skin Contact	- Causes skin irritation. May cause an allergic skin reaction.
Eye	- This material is not thought to produce adverse health effects or eye irritation following contact.
Chronic	- Long-term exposure to the product is not thought to produce chronic effects adverse to health.

12. ECOLOGICAL INFORMATION

Toxicity

No data available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Product/Packaging Disposal	- Ensure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Notice 2017.
	- Containers may still present a chemical hazard/ danger when empty
	- Return to supplier for reuse/ recycling if possible.
	- If container can not be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product, then puncture containers, to prevent re-use, and bury at an authorised landfill.
	- Where possible, retain label warnings and MSDS and observe all notices pertaining to the product.

14. TRANSPORT INFORMATION

Not regulated for the Transport of Dangerous Goods.

15. REGULATORY INFORMATION

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

This substance can be managed under the controls specified in the Transfer Notice or alternatively, it may be managed using the conditions specified in an applicable Group Standard.

<i>HSR Number</i>	<i>Group Standard</i>
HSR002544	Construction Products Subsidiary Hazard Group Standard 2017

Refer to Section 8 for any applicable tolerable exposure limits or Section 12 for Environmental Exposure limits.

16. OTHER INFORMATION

SDS Created	April 2025
SDS Updated	April 2025

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC—TWA:	Permissible Concentration-Time Weighted Average
PC—STEL:	Permissible Concentration-Short Term Exposure Limit
IARC:	International Agency for Research on Cancer
ACGIH:	American Conference of Governmental Industrial Hygienists
STEL:	Short Term Exposure Limit
TEEL:	Temporary Emergency Exposure Limit.
IDLH:	Immediately Dangerous to Life or Health Concentrations
ES:	Exposure Standard
OSF:	Odour Safety Factor
NOAEL :	No Observed Adverse Effect Level
LOAEL:	Lowest Observed Adverse Effect Level
TLV:	Threshold Limit Value
LOD:	Limit Of Detection
OTV:	Odour Threshold Value
BCF:	Bioconcentration Factors
BEI:	Biological Exposure Index
AIIC:	Australian Inventory of Industrial Chemicals
DSL:	Domestic Substances List
NDSL:	Non-Domestic Substances List
IECSC:	Inventory of Existing Chemical Substance in China
EINECS:	European INventory of Existing Commercial chemical Substances
ELINCS:	European List of Notified Chemical Substances
ENCS:	Existing and New Chemical Substances Inventory
NZIoC:	New Zealand Inventory of Chemicals
PICCS:	Philippine Inventory of Chemicals and Chemical Substances
TSCA:	Toxic Substances Control Act
TCSI:	Taiwan Chemical Substance Inventory
NCI:	National Chemical Inventory