

Last Updated: 10/05/2024



# Safety Data Sheet


Product Name: High Strength Grout (HS Grout)

## Section 1: Identification of Product & Supplier:




1.1	Product Name:	High Strength Grout (HS Grout)																								
1.2	Product Identification	These products are classified as hazardous according to criteria of Worksafe Australia.																								
1.3	Other Names:	<table border="1"> <tr> <td>UN #:</td> <td>None</td> <td>NIOSH:</td> <td>-</td> </tr> <tr> <td>Hazchem:</td> <td>None</td> <td>IMDG:</td> <td>-</td> </tr> <tr> <td>GTEPG:</td> <td>None</td> <td>CASS No:</td> <td>None</td> </tr> <tr> <td>DG Class</td> <td>None</td> <td>Poisons Sched:</td> <td>None</td> </tr> <tr> <td>Sub Risk:</td> <td>None</td> <td>Pack Grp:</td> <td>None</td> </tr> <tr> <td>Spec EPG:</td> <td>None</td> <td></td> <td></td> </tr> </table>	UN #:	None	NIOSH:	-	Hazchem:	None	IMDG:	-	GTEPG:	None	CASS No:	None	DG Class	None	Poisons Sched:	None	Sub Risk:	None	Pack Grp:	None	Spec EPG:	None		
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2.4	Primary Use	HS Grout when mixed with water in accordance with Sure Level's directions gives a free flowing pourable grout for machinery bedding, packing and general construction.																								
1.2	Application	High Strength HES Grout when mixed with water in accordance with Sure Level's directions, gives a free flowing pourable grout for: <ul style="list-style-type: none"> <li>• Machinery Bedding</li> <li>• Packing</li> <li>• General Construction</li> </ul>																								
1.3	Supplier Information	Sure Level Australia Pty Ltd 12 Northgate Drive, Thomastown Vic 3074. Phone: + 61 3 9464 5753 Fax: + 61 3 9464 3630 Email: info@surelevel.com.au Web: www.surelevel.com.au																								
1.4	Emergency Contact	13 11 26 (Poisons Information Centre)																								

## Section 2: Hazards Identification:

2.1	Classification of the substance or mixture	CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA
	Physical Hazards	Not classified as a Physical Hazard

	<b>Hazard Statements</b>	Causes skin irritation - H315 Causes serious eye irritation - H319 May cause respiratory irritation - H335 May cause damage to organs through prolonged or repeated exposure - H373												
	<b>Precaution Warning Signs</b>													
		P201 Obtain special instructions before use P202 Do not handle until all safety precautions have been read and understood P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.												
2.3	<b>Response</b>	P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313: IF exposed or concerned: Get medical advice/ attention. P310: Immediately call a POISON CENTRE or doctor/physician. P362 + P364: Take off contaminated clothing and wash it before reuse.												
2.4	<b>Storage</b>	P403+P233 Store in a well-ventilated place. Keep container tightly closed P405 Store locked up												
2.5	<b>Disposal</b>	P501 Dispose of contents/container to an approved waste disposal plant.												
<b>Section 3: Material Composition and Ingredients</b>														
3.1	<b>Ingredients</b>	<table border="1"> <thead> <tr> <th>Name</th> <th>CAS</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>Portland Cement</td> <td>65997-15-1</td> <td>Medium</td> </tr> <tr> <td>Silica Sand (Quartz)</td> <td>14808-60-7</td> <td>Medium</td> </tr> <tr> <td>Flow Aid, Plasticiser</td> <td>-</td> <td>Very Low</td> </tr> </tbody> </table> <p>Contents: High &gt;60%, Medium 10-60%, Low 1-10%, Very Low &lt;1%</p>	Name	CAS	Content	Portland Cement	65997-15-1	Medium	Silica Sand (Quartz)	14808-60-7	Medium	Flow Aid, Plasticiser	-	Very Low
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<b>Section 4: First Aid Measures</b>														
4.1	<b>Eyes</b>	If product comes into contact with eyes, immediately hold eyes open and wash with fresh running water. Ensure irrigation under the eyelids by occasionally lifting upper and lower lids. If pain persists seek medical attention.												
4.2	<b>Skin</b>	If product comes into contact with skin, wash affected areas thoroughly with water and soap, if available. In event of irritation, seek medical attention.												

4.3	Inhaled	If dust is inhaled, remove to fresh air. If breathing is shallow, ensure clear airway and apply artificial respiration. Seek medical attention.
4.4	Swallowed	Rinse out with plenty of water. If poisoning occurs, contact doctor or Poisons Information Centre. If swallowed do not induce vomiting. Give a glass of water. Material highly irritating and mildly corrosive if swallowed
4.5	Advice to Physician	Treat Symptomatically
4.6	First Aid Facilities	N/A
4.7	Toxicity	N/A
<b>Section 5: Firefighting Measures</b>		
5.1	Suitable Extinguishing Media	(Non-Flammable Material) Use appropriate fire extinguisher for surrounding environment.
5.2	Specific hazards	Non flammable. May evolve toxic gases if strongly heated.
5.3	Advice for firefighters	No fire or explosion hazard exists.
<b>Section 6: Accidental Release Measures</b>		
6.1	PPE	Wear appropriate clothing, gloves, eye protection and facemask to avoid inhalation and contact with skin or eyes
6.2	Environmental precautions	Do not allow this product to be released into storm water drains, creeks or open bodies of water. Only dispose according to lawful regulations.
6.3	Methods For Cleaning up spills	Dry: Vacuum or using brush or soft broom Wet: Use a Cloth to wipe away excess. Make sure product doesn't pass through a drains, Sewers or water passages.
<b>Section 7: Handling and Storage</b>		
7.1	Precautions for Safe Handling	Avoid generating airborne dust during handling and storage. Avoid prolonged contact with skin. Avoid heavy or prolonged dust inhalation (See TWA Section 8). Engineering dust controls should be used ahead of, or in combination with the wearing of appropriate respiratory protection.
7.2	Conditions for safe storage, including any incompatibilities	Store in original packaging, under dry conditions. Keep fine products stored in closed containers. Avoid the generation of airborne dust.
<b>Section 8: Exposure Control / Personal Protection</b>		
8.1	Control Parameters	Each of the ingredients are listed below with the exposure limits for each Exposure Limits: 10mg/m <sup>3</sup> inspirable dust

		<table border="1"> <thead> <tr> <th>Material Name</th> <th>TWA (exposure Limit)</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>Crystalline silica (quartz)</td> <td>10mg/m3</td> <td>14808-60-7</td> </tr> <tr> <td>Portland cement</td> <td>10 mg/m3</td> <td>65997-15-1</td> </tr> <tr> <td>Limestone</td> <td>10 mg/m3</td> <td>1317-65-3</td> </tr> <tr> <td>Slag (Ashes)</td> <td>10mg/m3</td> <td>65996-69-2</td> </tr> </tbody> </table>	Material Name	TWA (exposure Limit)	Content	Crystalline silica (quartz)	10mg/m3	14808-60-7	Portland cement	10 mg/m3	65997-15-1	Limestone	10 mg/m3	1317-65-3	Slag (Ashes)	10mg/m3	65996-69-2
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Slag (Ashes)	10mg/m3	65996-69-2															
8.2	<b>Biological Limits</b>	No biological limit values have been entered for this product.															
8.3	<b>Personal Protective Equipment</b>																
	<b>Eyes/ Face</b> 	Wear safety glasses or dust-proof goggles when handling material to avoid contact with eyes.															
	<b>Hands</b> 	Wear PVC, rubber or cotton gloves when handling material to prevent skin contact.															
	<b>Body</b>	Wear long sleeved shirt and full-length trousers															
	<b>Respiratory</b> 	Where an inhalation risk exists wear a Class P1 (Particulate) respirator, dependent on a site specific risk assessment.															
8.4	<b>Environmental Exposure Controls</b>	All ventilation systems should be filtered before discharge to atmosphere.															
9.4	<b>Exposure Limits</b>	None assigned. <table border="1"> <tbody> <tr> <td>TLV TWA:</td> <td>10mg/m3 total dust</td> </tr> <tr> <td>ES TWA:</td> <td>10mg/m3 inspirable dust</td> </tr> <tr> <td>SILICA SAND</td> <td>This product contains no negligible amount of respirable dust.</td> </tr> </tbody> </table>	TLV TWA:	10mg/m3 total dust	ES TWA:	10mg/m3 inspirable dust	SILICA SAND	This product contains no negligible amount of respirable dust.									
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8.6	<b>Flammability</b>	Nonflammable															
8.7	<b>Environment</b>	Not specified															
8.8	<b>Other Precautions</b>	None specified															
<b>Section 9: Physical and chemical Properties</b>																	
9.1	<b>Form</b>	Fine grey sand/cement based powder. No odour.															
9.2	<b>Specific Gravity</b>	1.5 Loose															
9.3	<b>Flammability Limited</b>	N/A															
9.4	<b>Form</b>	N/A															
9.5	<b>Boiling Point</b>	N/A															
9.6	<b>Melting Point</b>	N/A															
9.7	<b>Flashpoint</b>	Not Flammable															
9.8	<b>Solubility</b>	Partly Miscible															
9.9	<b>Other Properties:</b>	-															

### Section 10: Stability and Reactivity

10.1	<b>Chemical Stability</b>	This product contains cement which will undergo a hydration reaction when mixed with water
10.2	<b>Possibility of hazardous reactions</b>	N/A
10.3	<b>Incompatible Materials</b>	N/A
10.4	<b>Conditions to Avoid</b>	Extreme temperature, Product is stable under normal temperatures and conditions
10.5	<b>Reactivity and Stability</b>	Reacts with incompatible materials.

### Section 11: Toxicological Information

11.1	<b>Information &amp; Symptoms associated with exposure</b>	
	<b>Acute Toxicity:</b>	N/A
	<b>Skin corrosion/irritation</b>	Dust is irritating and may cause drying of the skin. Mixed material is moderately irritating to the skin. Constant contact with the skin may cause drying of the skin which may lead to dermatitis and may cause in some cases sensitisation.
	<b>Serious eye damage/irritation:</b>	The dust is highly irritating and abrasive to the eye. Dust is capable of causing pain and conjunctivitis.
	<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
	<b>Repeated Exposure:</b>	Causes damage to organs lungs through prolonged or repeated exposure by inhalation.
	<b>Inhalation:</b>	Dust is irritating to upper respiratory tract and lungs. Over exposure to respirable dust may cause coughing, wheezing and irritation to the nasal passages.
	<b>Aspiration Hazard</b>	N/A
	<b>Swallowed</b>	Material is irritating and mildly corrosive if swallowed. Ingestion may result in nausea, abdominal irritation, pain and vomiting.
	<b>Chronic:</b>	Long term exposure to high dust concentrations may cause irritation to lungs and result in breathing disorders, as cement and silica sand is now classified as carcinogenic. Contact with skin, inhalation of dust, vapor ingestion in any form should be avoided. Sensitisation may result in allergic dermatitis responses including rash, itching, swelling of extremities, redness and irritation.

### Section 12: Ecological Information:

12.1	<b>Eco toxicity</b>	This product is not expected to be hazardous to the environment
12.2	<b>Degradability</b>	When products hydrates, it will solidify with time making it non degradable.
12.3	<b>Bio-accumulative potential</b>	No literature available
12.4	<b>Mobility in Soil</b>	No literature available
12.5	<b>Other adverse effects</b>	No literature available

**Section 13: Disposal Consideration:**

13.1	<b>Disposal</b>	Disposal shall be in accordance with local rules and regulations, in a method to minimize the generation of dust from it and its contact with water. PPE are required for disposal.
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**Section 14: Disposal Consideration:**

14.1	<b>Transport Information</b>	Not classified as dangerous goods and is Safe to transport by sea, land or Air when packed in closed containers. According to: Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition) International Maritime Dangerous Goods Code (IMDG Code) International Air Transport Association (IATA) Dangerous Goods Regulations
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**Section 15: Regulatory Information:**

15.1	<b>GHS Classification</b>	Hazardous
15.2	<b>SUSMP</b>	Not Classified as a poisonous material

**Section 16: Supplementary information**

16.1	<b>Preparation Date</b>	10/05/2024
16.2	<b>Review &amp; Updates</b>	This SDS will be reviewed periodically every 2 Years and updated accordingly with any regulations.

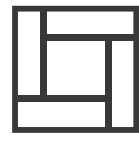
**Section 18: Safe Handling Information**

18.1	<b>Storage &amp; Transport</b>	Multi-ply paper bag with sealed plastic liner or heavy gauge plastic bag or bucket. Check that all containers are clearly labeled and free from leaks.
18.2	<b>Packaging &amp; Labelling</b>	Packaging and labelling as recommended by Sure Level Pty Ltd.
18.3	<b>Spills &amp; Disposals</b>	Sweep up spills and dispose of in an approved disposal site. Avoid generating dust.
18.4	<b>Reactivity Data</b>	N/A

**Section 19: Fire/explosion Hazard**

19.1	<b>GHS Classification</b>	<table border="1"> <tr> <td data-bbox="746 1964 1117 2018">Extinguishing Media:</td> <td data-bbox="1117 1964 2161 2018">Water mist, CO2 , Foam, Dry Powder</td> </tr> <tr> <td data-bbox="746 2018 1117 2072">Upper Explosion Limit:</td> <td data-bbox="1117 2018 2161 2072">Not Determined</td> </tr> <tr> <td data-bbox="746 2072 1117 2126">Lower Explosion Limit:</td> <td data-bbox="1117 2072 2161 2126">Not Determined</td> </tr> <tr> <td data-bbox="746 2126 1117 2179">Dust Explosion Limit:</td> <td data-bbox="1117 2126 2161 2179">No</td> </tr> <tr> <td data-bbox="746 2179 1117 2233">May Decompose Explosively:</td> <td data-bbox="1117 2179 2161 2233">No</td> </tr> <tr> <td data-bbox="746 2233 1117 2241">Hazardous Decomposition Products:</td> <td data-bbox="1117 2233 2161 2241">None</td> </tr> </table>	Extinguishing Media:	Water mist, CO2 , Foam, Dry Powder	Upper Explosion Limit:	Not Determined	Lower Explosion Limit:	Not Determined	Dust Explosion Limit:	No	May Decompose Explosively:	No	Hazardous Decomposition Products:	None
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Upper Explosion Limit:	Not Determined													
Lower Explosion Limit:	Not Determined													
Dust Explosion Limit:	No													
May Decompose Explosively:	No													
Hazardous Decomposition Products:	None													

End Of Safety Data Sheet



**SURE LEVEL**  
International



[www.surelevel.com.au](http://www.surelevel.com.au)

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### Contact Details

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