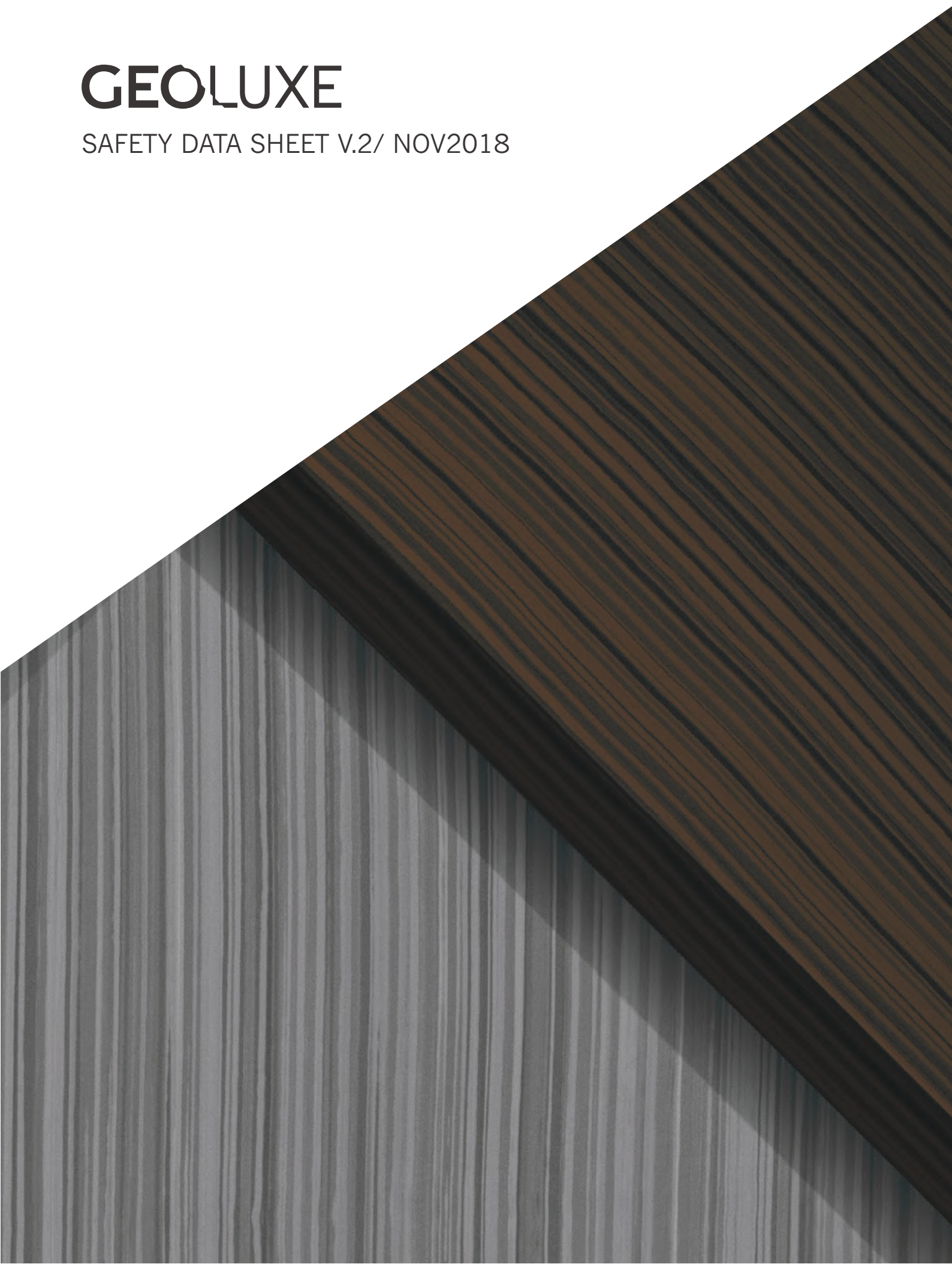


# GEO LUXE

SAFETY DATA SHEET V.2/ NOV2018



**SECTION 1:**

**IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

**1.1 Product Identifier**

Trade name: GEOLUXE®

**1.2 Relevant identified uses of the substance and uses advised against**

Identified uses: Building Material

**1.3 Details of the supplier of the safety data sheet**

SCG CERAMICS PUBLIC CO.,LTD.

1 Siam Cement Road, Bangsue, Bangkok 10800 Thailand (Headquarter)

Email: info@geoluxe.com

**1.4 Emergency telephone number**

+66 2 586 4097



**SECTION 2:**

**HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

2.1.1 Regulation (EC) No 1272/2008 (classification, labeling and packaging of substances and mixtures (CLP)): Not applicable.

2.1.2 There is no provision for any risk associated with the finished GEOLUXE® product in the CLP (EC) regulation n°. 1272/2008. However, during the manufacturing and installation of the product, it is necessary to consider the following information. Please, read carefully. The dust derived from the manufacturing processes, contain respirable crystalline silica. (SiO<sub>2</sub>). Contents of crystalline silica 7 % - 25 %.

<div style="text-align: center;">  </div> <p><b>PREVENTION:</b></p> <p>P260: Do not breathe dust generated in the cutting , grinding and polishing process.</p> <p>P264: Wash hands and face thoroughly after handling</p> <p>P270: Do not eat, drink or smoke when using this product.</p> <p>P284: Wear respiratory protection for particles (P3).</p> <p><b>FRIST AID MEASURES:</b></p> <p>P314: Consult doctor if feeling unwell</p> <p>P501: Remove residues in accordance with local regulations</p>	<div style="text-align: center;">  </div> <p><b>HAZARD:</b></p> <p>H372: Causes damage to lungs through prolonged or repeated exposure (inhalation)</p> <p><b>PREVENTION:</b></p> <p>S22: Do not breathe dust</p> <p>S38: In case of insufficient ventilation wear suitable respiratory equipment (P3)</p>
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**2.2 Label Elements: Not applicable.**

**SECTION 3:**  
COMPOSITION/INFORMATION ON INGREDIENTS

GEOLUXE® comprises of amorphous, aluminosilicate, quartz, etc. respectively.

**Information on ingredients:**

Dangerous components	CAS#	EINECS#	% by weight	REACH N°
Crystalline silica: quartz	14808-60-7	238-878-4	7-25	-

**SECTION 4:**  
FIRST AID MEASURES

**4.1 Description of first aid measures**

- 4.1.1 In case of inhalation: Remove to fresh air; consult a doctor in case of complaints.
- 4.1.2 In case of skin contact: In general, the product does not irritate the skin. Dust can be rinse off with water. (Consult a doctor if irritation persists.)
- 4.1.3 In case of eye contact: Rinse eyes with plenty of water for several minutes.
- 4.1.4 In case of ingestion: Contact a doctor if complaints persist.

**4.2 Most important symptoms and effects, both acute and delayed:**

In case of creating dust: inhale these very small crystalline silica particles are at increased risk of developing serious silica-related diseases, including: Silicosis, an incurable lung disease that can lead to disability and death, Lung cancer, Chronic obstructive pulmonary disease (COPD), and kidney disease.

**4.3 Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

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## **SECTION 5:** FIRE-FIGHTING MEASURES

### **5.1 Extinguishing media:**

Suitable extinguishing media: Product is not flammable. Extinguishing agent should be selected according to the environment.

### **5.2 Special hazards arising from the substance or mixture:**

No further information available.

### **5.3 Advice for fire fighters:**

No special measures required.

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## **SECTION 6:** ACCIDENTAL RELEASE MEASURES

### **6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid creating dust wherever possible.

### **6.2 Environmental precautions:**

No special measure required.

### **6.3 Methods for containment and cleaning up:**

Moisten the spilled material and pick up mechanically.

### **6.4 Reference to other sections:**

Refer to section 7 for information on safe handling.

Refer to section 8 for information on personal protective equipment.

Refer to section 13 for disposal information.



## **SECTION 7: HANDLING AND STORAGE**

### **7.1 Precaution for safe handling:**

7.1.1 Protective measures: Avoid creating airborne dust while working with GEOLUXE®. Install a suitable dust evacuation system or provide adequate respiratory protection for the workers. Wear appropriate protective clothing while working with GEOLUXE®. (E.g. goggles, gloves)

7.1.2 Advice on general occupational hygiene: Do not eat, drink or smoke when working with GEOLUXE®. Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating area.

### **7.2 Conditions for safe storage, including any incompatibilities:**

Storage in dry place is recommended.

### **7.3 Specific and use(s):**

Not available.

## **SECTION 8: EXPOSURE CONTROL/ PERSONAL PROTECTION**

### **8.1 Control parameters:**

Dust created from polishing and/or cutting may contain respirable airborne crystalline silica

<b>EINECS#</b>	<b>CAS No.</b>	<b>Substance Name</b>	<b>Regulatory Limits</b>	<b>Recommended Limits</b>	
238-878-4	14808-60-7	Silica, crystalline, respirable dust: Quartz	OSHA PERMISSIBLE EXPOSURE LIMITS (PELs) 8-HOUR TIME-WEIGHTED AVERAGE (TWA)	NIOSH RECOMMENDED EXPOSURE LIMITS (PELs) Up to 10-hour TIME-WEIGHTED AVERAGE (TWA)	ACGIH 2018 THRESHOLD LIMIT VALUE (TLV)
			0.05 mg/m <sup>3</sup>	Ca 0.05 mg/m <sup>3</sup>	0.025 mg/m <sup>3</sup> (resp.) for a-quartz and cristobalite

## 8.2 Exposure controls:

**8.2.1 Appropriate engineering controls:** Use adequate ventilation to keep airborne concentrations low. Always provide effective general and, when necessary, local exhaust ventilation to draw dust away from workers to prevent routine inhalation. Ventilation must be adequate to maintain the ambient workplace atmosphere below the permissible exposure limits.

### 8.2.2 Individual protection measure, such as personal protective equipment:

Eye/face protection: Eye protection (e.g., goggles) suitable for keeping dust out of the eyes.

Hand protection: Protective gloves.

Body protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

Respiratory protection: Respiratory protective devices according to EN 149:2001+A1:2009 (Respiratory protective devices) and EN 143/AC Revision: 2002 and EN 143/AC: 2005

**8.2.3 Environmental exposure controls:** Avoid discharge into the environment.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** solid, flat rectangular

**Colour:** various colour

**Odour:** odourless

**% Water absorption:** < 0.50 %

**Specific weight:** 2.250 – 2.450 g/cm<sup>3</sup>

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## SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

**10.1 Reactivity:** Not applicable.

**10.2 Chemical stability:** Not applicable.

**10.3 Possibility of hazardous reactions:** No hazardous reactions will occur.

**10.4 Conditions to avoid:** Creation of dust

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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## **SECTION 11:** TOXICOLOGICAL INFORMATION

### **11.1 Information on toxicological effects:**

No further relevant information available.

**Skin irritation:** No effect.

**Eye irritation:** No effect.

**Skin sensitization:** No effect.

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## **SECTION 12:** PHYSICAL AND CHEMICAL PROPERTIES

**Aquatic Toxicity:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Results of PBT & vPvB assessment:** Not applicable.

**Other adverse effects:** No data available.

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## **SECTION 13:** DISPOSAL CONSIDERATIONS

### **Waste treatment methods:**

Dispose of unused materials (incineration or landfill) in accordance with national and local regulations. Ensure the use of properly authorized waste management companies, where appropriate.

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## **SECTION 14:** TRANSPORT INFORMATION

**The product is not classified as dangerous according to air, land and sea transport regulations.**

Land Transport	Air Transport	Sea Transport
ADR/RID Class: -	ICAO/IATA Class: -	IMDG/IATA Class: - Marine pollutant: no

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**SECTION 15:**  
REGULATORY INFORMATION

This Safety Data Sheet (MSDS) has been prepared according to CLP Regulation, (EC) No 1272/2008. Labeled according to European EEC directives.

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**SECTION 16:**  
OTHER INFORMATION

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