

**COVERLAM | TOP**  
A NEW SKIN FOR YOUR KITCHEN

## **SAFETY DATA SHEET**

## **Safety data sheet in accordance with regulation (EU) 2015/830**

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Coverlam Top porcelain tile panel is a product made from natural mineral raw materials. It can be used to tile large surfaces and provides ultra-resistant finishes for kitchen countertops, tables or cabinets.

THE FINISHED PRODUCT HAS NO KNOWN ADVERSE EFFECTS ON HUMAN HEALTH OR THE ENVIRONMENT.

In the process of machining, cutting and polishing the Coverlam Top laminate porcelain tile, dust containing respirable crystalline silica (RCS) may be released into the air. Inhalation of RCS may cause acute or chronic silicosis (nodular pulmonary fibrosis), depending on the amount inhaled and the duration of exposure. Silicosis is a risk factor for developing lung cancer. Furthermore, silica dust is a carcinogen that can cause lung cancer, a recognized occupational disease.

The amount of RCS contained in the dust that may be released from the product in the process of machining, cutting and polishing varies because it depends on the amount and size of the particles generated in the machining process (the particle size of RCS is less than 4 µm).

### **1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY**

#### **1.1 Product identifier.**

Product name: **Coverlam Top**  
Product description: **Porcelain tile**

#### **1.2 Relevant identified uses of the substance or mixture and uses advised against.**

Relevant identified uses: Construction material. Tiling large surfaces, as well as kitchen countertops, tables, cabinets, etc.

Uses advised against: Any use not specified in this section or in Section 7.3

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

Company: GRESPANIA, S. A.  
CV-16 (Ctra. Castellón-Alcora)  
Km. 2,200 P. O. Box 157  
+34 964 344 411 +34 964 344 401  
12080 Castellón (Spain)  
[info@grespania.com](mailto:info@grespania.com) - [www.grespania.com](http://www.grespania.com)

#### **1.4 Emergency telephone number:**

EMERGENCIES +915 620 420  
National Institute of Toxicology and Forensic Science (24h/365 days)

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### 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture:

##### 2.1.1. Classification of the mixture.

The product is not classified as hazardous under regulation (EC) 1272/2008.

It is exempt from REACH registration.

##### 2.1.2. Most important adverse effects.

###### 2.1.2.1 Most important adverse physicochemical effects:

Not applicable.

###### 2.1.2.2 Most important adverse human health effects:

**THE FINISHED PRODUCT HAS NO KNOWN ADVERSE EFFECTS ON HUMAN HEALTH OR THE ENVIRONMENT.**

In the process of machining, cutting and polishing the Coverlam Top porcelain tile panel, dust containing respirable crystalline silica (RCS) may be released into the air.

Substance identification: **Crystalline silica, respirable fraction**

Quartz (SiO<sub>2</sub>) (respirable fraction)

CAS number: 14808-60-7 EC number: 238-878-4

H372 - Causes damage to organs through prolonged or repeated exposure.

H373 - May cause damage to organs through prolonged or repeated exposure.

STOT-RE 1: Specific target organ toxicity from repeated exposure, Category 1.

Substance subject to occupational exposure limit of 0.05 mg/m<sup>3</sup> (respirable fraction).

The product should only be used for the intended purposes.

###### 2.1.2.3 Most important adverse environmental effects:

Not applicable.

#### 2.2 Label elements.

Not applicable.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Mixtures.

It is composed of raw materials of mineral origin (mostly clays) that have been mixed with water, dried, formed and fired in high temperature kilns.

Substance identification: **Crystalline silica**

Quartz (SiO<sub>2</sub>)

CAS number: 14808-60-7 EC number: 238-878-4

At a concentration of between 10% and 25% of the product.

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures.

In machining, cutting and polishing processes:

##### Inhalation.

Move exposed individual to fresh air. Administer artificial respiration if necessary. Seek medical assistance.

##### Eye contact.

Open eyes and rinse with plenty of water. Seek medical assistance.

##### Skin contact.

Wash with soap and water. For cuts, the measures to be applied depend on the severity of the cut. Seek medical assistance.

##### Ingestion.

Unlikely exposure route. The product is not toxic and does not remain in the intestinal tract. Seek medical assistance.

#### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant data available

#### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant data available

### 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media.

The product is neither flammable nor combustible. In the event of a fire in the vicinity, there are no recommended restrictions on the extinguishing media to be used.

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### **6. ACCIDENTAL RELEASE MEASURES**

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

Avoid generating dust in machining, cutting and polishing processes.

#### **6.2 Environmental precautions.**

No special measures are required.

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

In the process of machining, cutting and polishing, wet down the waste material and remove it mechanically. For dry machining, cutting and polishing processes, use respirable crystalline silica dust collection systems.

#### **6.4 Reference to other sections.**

For more information on safe handling, see Section 7.

For more information on personal protective equipment, see Section 8.

For more information on product disposal, see Section 13.

### **7. HANDLING AND STORAGE**

There are 2 different types of packaging for Coverlam Top porcelain tile panels, depending on the size and thickness of the panel. The 10.5mm-thick 3x1m panels come in stackable wooden crates. The 12mm-thick 3.24x1.62m panels come in metal A-frame pallets. Smaller panels should never be placed between large panels. To prevent breakages, the entire surface of the panels must fit within the A-frame pallets and the straps must not be too tight.

#### **7.1 Precautions for safe handling.**

After cutting holes in the panels, they should always be moved and transported in an upright position, with the holes at the top. Coverlam Top can be handled with a bridge crane or a forklift with slings.

##### **FORKLIFT**

When using a forklift with slings, no more than one panel should be transported at a time. If possible, the slings should be made of canvas.

##### **BRIDGE CRANE**

Pay attention when handling the panels to prevent breakages. They should be moved carefully without any sudden change of direction. A soft material should be used at the point of contact between the metal clamps and the tiles. Always transport a maximum of one piece at a time, after first removing any protective plastic. If no metal clamps are available, wooden planks should be placed along the length of the panel, and held in place using standard screw clamps.

#### **In machining, cutting and polishing work,**

Avoid creating airborne dust while working with Coverlam Top laminate porcelain tiles.

Wet down the waste material and remove it mechanically.

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For dry machining, cutting and polishing processes, use respirable crystalline silica dust collection systems. Use appropriate respiratory protective equipment: UNE-EN149 compliant filtering facepiece class FFP3. Wear appropriate protective clothing and use personal protective equipment (PPE) as set out in Section 8.2.2.

Do not eat, drink or smoke while working with Coverlam Top laminate porcelain tile. Wash hands thoroughly after handling the product. Remove contaminated clothing or protective equipment when leaving work and before entering the dining room.

### 7.2 Conditions for safe storage, including any incompatibilities.

#### FORKLIFT TRANSPORT

Before transporting, the operator should check that the panels are secured to the A-frame with the appropriate strapping and that the forklift has the necessary load capacity. A-frame pallets should be evenly loaded on both sides prior to being transported by forklift. To transport the A-frame pallets on the long side, the forklift truck must have a load capacity of 3,500 kg. To lift and move trays of 3x1m panels with forklifts or construction cranes, it is important to pick up the trays in the middle of the long side. When lifting the trays on their short side, forks must be a minimum length of 2.5m. For correct handling of the trays, forks should be a minimum length of 1.20m.

#### TRUCK TRANSPORT

Once positioned on the truck, the material should be checked to ensure it is stable and secured. After unloading at the work site, the A-frame pallets should be transported using the forklift truck with the pallet carried as low as possible. For loading containers, the forks must be at least 2.80m long. The minimum capacity of the pallet truck or forklift for loading containers should be 5,000kg.

### 7.3 Specific end uses.

Not shown

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters.

The dust generated by machining, polishing, and cutting the product may contain airborne particles of respirable crystalline silica. Comply with the stated exposure limits.

SUBSTANCE	CAS no	TLV	TLV-TWA	STEL
Free SiO <sub>2</sub> (respirable fraction)	14808-60-7	0.05	0	0

### 8.2 Exposure controls.

The dust generated by machining, polishing, and cutting the product may contain airborne particles of respirable crystalline silica.

#### 8.2.1. Control parameters.

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The dust generated by machining, polishing, and cutting the product may contain airborne particles of respirable crystalline silica.

Minimize the generation of airborne dust. Use enclosed spaces for these processes, local exhaust ventilation or other technical controls to keep the concentration of particles in the air below the specified exposure limits. Always provide an effective general and, if necessary, local exhaust ventilation system to extract dust and prevent exposure and continuous inhalation by workers. Appropriate ventilation should be used to ensure the workplace environment remains within the permitted exposure limits.

### 8.2.2 Individual protection measures, such as personal protective equipment (PPE)

Personal protection measures and use of personal protective equipment (PPE):

**Respiratory protection:**

- Use UNE-EN149 compliant filtering facepiece class FFP3 for machining, cutting and polishing the product, or any other activity that may generate dust.

**Eye protection:**

- Protective goggles.

**Hand protection:**

- Protective gloves in compliance with UNE-EN388: 2016 class C.

**Foot protection:**

- Safety footwear in compliance with UNE-EN345 class SB.

### 8.2.3 Environmental exposure controls.

Avoid releasing the product into the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid.  
Colour: Depends on the model  
Odour: No data available.  
Odour threshold: No data available.  
pH: No data available.  
Melting point/range (°C): 1,200°C  
Boiling point/range (°C): Not applicable  
Flash Point (°C): Not applicable.  
Flammability (solid, gas): Not determined.  
Auto-ignition temperature (°C): Not applicable.  
Upper/lower flammability or explosive limits: no data available.  
Solubility in water (g/l) at 20 °C: Insoluble.  
Other information: No further relevant data available

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### **10. STABILITY AND REACTIVITY**

#### **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:**

Dust generation.

#### **10.5 Incompatible materials:**

No further relevant data available.

#### **10.6 Hazardous decomposition products:**

No known hazardous decomposition products.

### **11. TOXICOLOGICAL INFORMATION**

Not applicable.

### **12. ECOLOGICAL INFORMATION**

Does not pose any risk of environmental pollution

### **13. DISPOSAL CONSIDERATIONS**

Dispose of unused materials (incineration or landfill) in accordance with national and local regulations. Where appropriate, it should be ensured that the assigned waste management companies are duly authorized.

### **14. TRANSPORT INFORMATION**

Not classified as dangerous for regulations on transport.

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### **15. REGULATORY INFORMATION**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Not applicable.

#### **15.2 Chemical safety assessment.**

No chemical safety assessment of the product has been carried out.

### **16. OTHER INFORMATION**

The information provided here is based on our current knowledge up to the date noted above. It refers only to the indicated product and should not be construed as guaranteeing any specific property of the product.

Users must ensure the appropriateness and accuracy of said information in relation to the specific use they intend for the product.

The recipient of our materials is responsible for verifying compliance with applicable local laws and regulations. Under no circumstances shall the information contained in this Safety Data Sheet constitute a guarantee of specific properties or the establishment of any contractual relationship.

This safety data sheet cancels and replaces any previously issued safety data sheets.