COVERLAM | TOP

A NEW SKIN FOR YOUR KITCHEN

SAFETY DATA SHEET

Safety Data Sheet according to (EU) Regulation 2020/878

The Coverlam Top porcelain tile slab is a product made from natural mineral raw materials for covering large surfaces to offer an ultra-strong finish on kitchen countertops, tables or cupboards.

NO ADVERSE EFFECTS FOR HEALTH OR THE ENVIRONMENT FROM THE FINISHED PRODUCT ARE KNOWN.

Dust containing respirable crystalline silica (RCS) may be released into the atmosphere when machining, cutting or polishing the Coverlam Top porcelain tile slab. The inhalation of this dust may cause acute or chronic silicosis (nodular fibrosis of the lungs) based on the quantity and exposure time. Silicosis is a risk factor in the development of lung cancer. Furthermore, free silica dust is a carcinogenic agent capable of causing lung cancer, a recognised occupational disease.

The quantity of RCS contained in the dust that may be released from the product during the machining, cutting and polishing process varies according to the quantity and size of the particles generated by the machining process (RCS has a particle size of 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. Covering for large surfaces, as well as kitchen countertops, tables, cupboards, etc.

Uses advised against: Do not mechanically process the material when dry to prevent dust. All uses 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 - www.grespania.com

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1.4. Emergency telephone number

EMERGENCIES (+34) 915 620 420
Spanish National Institute of Toxicology and Forensic Science (24/7, 365 days/year)

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 (EU) Regulation 1272/2008.

It is exempt from the REACH register.

2.1.2. Main adverse effects

2.1.2.1. Main physical and chemical adverse effects:

Not applicable.

2.1.2.2. Main adverse effects for human health:

NO ADVERSE EFFECTS FOR HEALTH OR THE ENVIRONMENT FROM THE FINISHED PRODUCT ARE KNOWN.

Dust containing respirable fraction crystalline silica (RCS) may be released into the atmosphere when machining, cutting or polishing the Coverlam Top porcelain tile slab.

Substance identification: **Respirable fraction crystalline silica**
Quartz (SiO2) (Respirable fraction)
CAS Nº: 14808-60-7 CE Nº: 238-878-4
H335 - May cause respiratory irritation.
H350i - May cause cancer if inhaled.
H372 - Causes damage to organs through prolonged or repeated exposure.
STOT RE 1: Toxicity in certain organs through repeated exposure, Category 1.
Substance to which an occupational exposure limit of 0.05 mg/m3 respirable fraction applies.

During certain machining, cutting, sanding or removal operations involving fibreglass mesh, glass fibres and particles may be released, which can cause mechanical irritation to the respiratory tract, eyes and skin. The generation and dispersion of dust and fibres should be avoided, and suitable protection should be worn.

We recommend only using the product for the specified uses.

2.1.2.3. Main environmental adverse effects:

Not applicable.

2.2. Label elements

Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

It consists of raw materials of mineral origin (mostly clays) that have been mixed with water, dried, shaped and cooked in ovens at a high temperature.

3.2. Mixtures

It consists of raw materials of mineral origin (mostly clays) that have been mixed with water, dried, shaped and cooked in ovens at a high temperature.

Substance identification: **Crystalline silica**
Quartz (SiO2)
CAS Nº: 14808-60-7 CE Nº: 238-878-4
Between 1% and 11% of the product concentration.

Coverlam can be reinforced on the 'rear' side with a 200 g/m² E-type fibreglass mesh embedded in the material using a polymerised polyurethane or epoxy resin.

4. FIRST AID MEASURES

4.1. Description of the first aid measures

When machining, cutting and polishing:

After inhalation.
Take the affected person outside into the fresh air. Administer rescue breathing and CPR if necessary. Seek medical assistance.

After eye contact.
Open your eyes and rinse them thoroughly with water. Do not rub your eyes; remove contact lenses if you can do so easily. Seek medical attention if the irritation persists.

After skin contact.
Wash with soap and water. In the event of a cut, treat it according to its severity. Avoid rubbing the affected area vigorously. Remove any contaminated clothing. Seek medical attention.

After ingestion.
Unlikely. The product is neither toxic nor remains in the intestinal tract. Seek medical assistance.

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

No more relevant data are available.

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

No more relevant data are available.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Fire resistance. Category:
- A1 without reinforcing mesh;
- B, s1-d0 with reinforcing mesh

Suitable extinguishing agents: Any agent suitable for the type of fire in the vicinity. Multi-purpose powder fire extinguishers are recommended.

5.2. Special hazards arising from the substance or mixture

The product is neither flammable nor combustible.

5.3. Advice for firefighters

The product is neither flammable nor combustible.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Prevent dust from forming during machining, cutting and polishing operations. Do not sweep dry or use compressed air to remove fibre or dust residues.

6.2. Environmental precautions

No special measures are required.

6.3. Methods and material for containment and cleaning up

Machining, cutting or polishing the product, wet the spilled material and remove it mechanically. When machining, cutting or polishing the product in a dry environment, use systems designed to capture respirable-sized free crystalline silica.

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 how to dispose of the product, see Section 13.

7. HANDLING AND STORAGE

The Coverlam Top porcelain stoneware laminate product is available in two types of packaging, depending on the dimensions and thickness of the slab.

Slabs measuring 810×3240 m and 12/20 mm thick are supplied in stackable wooden crates. Meanwhile, slabs measuring 1620×3240 m and 12/20 mm thick, together with those measuring 1600×3200 and 5.6 mm thick, are supplied on metal trestles.

Smaller panels must never be placed between larger panels. The trestles must provide adequate support across the entire surface of the panels, and the straps must not be tightened excessively to prevent the panels from breaking.

Extreme care must be taken during handling, storage and transport, due to the heavy weight of the crates and trestles and the risk of the load tipping over. Appropriate preventive measures must be taken to ensure the stability of the assembly and to prevent the boards from shifting, falling or accidents occurring during handling.

Furthermore, the original packaging must be retained to maintain the correct arrangement and securing of the components, as well as the stability of the assembly, thereby preventing any movement, shifting or falling that could cause damage to property or personal injury.

7.1. Precautions for safe handling

In any case, panels should be moved and transported in a vertical position and any holes that may have been made should be positioned at the top. Coverlam Top can be handled using an overhead crane or a forklift with slings.

FORKLIFT
When using a forklift with slings, we recommend not transporting more than one panel at a time using this method and the slings should be made of canvas if possible.

OVERHEAD CRANE
Pay attention when handling the panels to avoid breakage. Movements should be made without any sudden changes of direction and very carefully. Contact between the metal clamps and the pieces should be made via a soft material. Always transport one piece at a time and remove any protective plastic beforehand. If no metal clamps are available, use wooden planks that extend the entire length of the panel, lifting it with jacks.

During the machining, cutting and polishing processes

Avoid creating airborne dust whilst working with Coverlam Top porcelain stoneware slabs.
During machining processes, it is recommended to prioritise wet cutting methods. Where this is not possible, a localised extraction system and adequate ventilation must be in place to capture and remove the fibres and dust generated during the process.
Use suitable respiratory protection, such as a self-filtering respirator complying with standard UNE-EN 149, FFP3 level.

Wear suitable protective clothing and use the personal protective equipment (PPE) specified in section 8.2.2.
When removing, cutting or machining fibreglass mesh, avoid generating fibres and dust. Use working methods that minimise their dispersion and appropriate extraction/capture systems.
Do not eat, drink or smoke whilst working with Coverlam Top porcelain stoneware tiles. Wash your hands thoroughly after handling the product. Remove contaminated clothing or protective equipment when leaving the workplace and before entering the canteen.

7.2. Conditions for safe storage, including any incompatibilities

FORKLIFT TRANSPORT
Prior to transport, the operator must check that the parts are secured to the trestle using the appropriate strapping and that the forklift has the necessary load capacity. Trestles must be loaded symmetrically before being transported by forklift. To transport trestles along their long side, a forklift with a minimum load capacity of 4,500 kg is required. When using forklift trucks or site cranes, it is important to lift the pallets centrally along their long side. If lifting the pallets by their short side, forks with a minimum length of 2.5 m must be used. It is recommended to use forks at least 1.20 m long on the forklift truck to handle the pallets correctly.

TRANSPORT BY LORRY
Once loaded onto the lorry, check that the load is stable and securely fastened. After unloading at the worksite, the trestles must be moved using a forklift truck with the trestle in the lowest possible position.
When loading containers, forks at least 2.80 metres long must be used.
The minimum capacity of the pallet truck or forklift truck for loading containers must be 5.000 kg.

7.3. Specific end use(s)

None.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

The dust generated when machining, polishing or cutting the product may contain respirable particles of suspended crystalline silica. Comply with the exposure limits shown below.

SUBSTANCE	CAS Nº	ELV-DEL	ELV-STEL
Free SiO2 (respirable fraction)	14808-60-7	0.05	-

8.2. Exposure controls

The dust generated when machining, polishing or cutting the product may contain respirable particles of suspended crystalline silica.

8.2.1. Control parameters

The dust generated when machining, polishing or cutting the product may contain respirable particles of suspended crystalline silica.

Reduce the generation of airborne dust as much as possible. Use enclosed spaces for processing, local evac ventilation and other technical controls to maintain the concentration of particles in the air below the specified exposure limits. Always provide an effective general extraction-based ventilation system and, if necessary, a local system to extract the dust and prevent prolonged exposure and inhalation by workers. The ventilation should be sufficient to maintain the workplace environment below permitted exposure limits.

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

Dust and particles/fibres may be generated during machining, cutting, polishing or the removal of the reinforcement mesh. Technical measures must be taken to minimise exposure, and suitable PPE must be worn:

Respiratory protection:
- Self-filtering respirator mask complying with the UNE-EN 149 standard (FFP3 level) for machining, cutting and polishing the product, and any other activity that generates dust.

Eye protection:
- Eye protection goggles in accordance with standard EN 166:2001.

Hand protection:
- Safety gloves compliant with UNE-EN388:2016 level C.

Foot protection:
- Safety footwear compliant with UNE-EN345 level SB.

Skin protection:
- Skin protection is not required, but it is recommended to wear work clothing that prevents the dust from coming into contact with the skin. Wash hands and face with soap and water to remove any dust from the product

Work clothing:
- When processing Coverlam, wear work clothing made from a fabric that does not absorb dust. Do not clean with compressed air; use vacuum cleaning methods

8.2.3. Environmental exposure controls

Avoid dumping the product in the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid.
Colour: According to the model.
Odour: No data available.
Odour threshold: No data available.
pH: No data available.
Melting point/range (ºC): 1,200 ºC
Boiling point/range (ºC): Not applicable.
Flash point (°C): Not applicable.
Flammability (solid, gas): Undetermined.
Ignition temperature (ºC): Not applicable.
Lower and upper flammability or explosion limits: No data available.
Solubility in water (g/l) at 20 ºC: Insoluble.
Additional information: No more relevant data are available.

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:

Creation of dust.

10.5. Incompatible materials:

No more relevant data are available.

10.6. Hazardous decomposition products:

No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) Nº 1272/2008

Not applicable.

11.2. Information on other hazards

Not applicable.

12. ECOLOGICAL INFORMATION

It produces no pollution risk to the environment.

12.1. Toxicity

Not applicable.

12.2. Persistence and degradability

Not applicable.

12.3. Bioaccumulative potential

Not applicable.

12.4. Mobility in soil

Not applicable.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Endocrine disrupting properties

Not applicable.

12.7. Other adverse effects

Not applicable.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of unused materials (incineration or landfill) in accordance with national and local regulations. Ensure that the waste management companies responsible for this are duly authorised, where applicable.

14. TRANSPORT INFORMATION

Non-hazardous in terms of transport regulations.

14.1. UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Shipping in bulk according to IMO instruments

Not applicable.

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 has been conducted on the product.

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16. OTHER INFORMATION

Sections changed since the previous version:

All sections have been changed due to an update of the safety data sheet for compliance with the requirements of (EU) Regulation 2020/878.

The information contained herein is based on our knowledge at the date indicated above. It only refers to the indicated product and should not be construed as any guarantee of specific qualities.

The user must make their own determinations as to the suitability and accuracy of said information regarding the specific use of the product to be made.

The recipient of our materials is responsible for ensuring compliance with the corresponding local laws and regulations. Under no circumstances does the information contained in this Safety Data Sheet represent any guarantee of the specific properties or establish any contractual relationship.

This Safety Data Sheet cancels and replaces any previous version.