

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

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

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 N°: 14808-60-7 CE N°: 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: Toxicity in certain organs through repeated exposure, Category 1.

Substance to which an occupational exposure limit of 0.05 mg/m³ respirable fraction applies.

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.

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

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 N°: 14808-60-7 CE N°: 238-878-4
Between 1% and 11% of the product concentration.

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

After skin contact.

Wash with water and soap. In the event of a cut, proceed according to the severity thereof. Seek medical assistance.

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.

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

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

The product is neither flammable nor combustible. In the event of a nearby fire, we recommend no restrictions on the extinguishing media to be used.

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

Avoid generating dust during the machining, cutting and polishing processes.

6.2. Environmental precautions

No special measures are required.

6.3. Methods and material for containment and cleaning up

Dampen the material released during the machining, cutting and polishing processes and remove it mechanically. For dry machining, cutting and polishing processes, use respirable fraction crystalline free silica capture 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 how to dispose of the product, see Section 13.

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

7. HANDLING AND STORAGE

The Coverlam Top porcelain tile slab product has two different types of packaging based on the dimensions and thickness of the panel. Panels of 3x1 metres in length/width and 10.5 millimetres in thickness come in stackable wooden boxes. Panels of 3.24x1.62 metres in length/width and 12/20 millimetres in thickness come on metal easels. Smaller slabs should never be placed between larger slabs. The easels should be able to support the entire surface of the panels and the cable ties should not be excessively tightened so as to avoid breaking the pieces.

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 when working with Coverlam Top porcelain tile slab.

Dampen any material released and remove it mechanically.

For dry machining, cutting and polishing processes, use respirable fraction crystalline free silica capture systems.

Use suitable respiratory protection, self-filtering face mask compliant with UNE-EN149 level FFP3.

Wear suitable protective clothing and use the personal protective equipment (PPE) defined in Section 8.2.2.

Do not eat, drink or smoke when working with Coverlam Top porcelain tile slab. Carefully wash your hands after handling the product. Remove any 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

Before transport, the operator should check that the pieces have been secured to the easel with suitable cable ties and that the forklift has the necessary load capacity. Easels should be loaded symmetrically before being transported by forklift. A forklift with a 3,500 kg load capacity is necessary to transport easels lengthwise. For lifting and moving plate trays of 1000x3000 mm. Trays should be lifted from the middle of the long side when using fork lifts or construction cranes. When lifting trays on the shorter side, the forks must have a minimum length of 2.5 m. We recommend using blades of at least 1.20 m in length on the forklift for handling the trays correctly.

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

TRANSPORT BY LORRY

Once loaded onto the lorry, check that the material is stable and secure. After unloading on site, the easels should be transported by forklift with the easel in the lowest possible position. When loading containers, the forks will need to be at least 2.80 m in length.

The minimum pallet jack or forklift capacity for loading containers should 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 N°	ELV-DEL	ELV-STEL
Free SiO ₂ (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.

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

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

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

Respiratory protection:

- Self-filtering face mask compliant with UNE-EN149 level FFP3 for machining, cutting and polishing processes involving the product and any other activity leading to the creation of dust.

Eye protection:

- Safety goggles.

Hand protection:

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

Foot protection:

- Safety footwear compliant with UNE-EN345 level SB.

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 (°C): 1,200 °C
Boiling point/range (°C): Not applicable.
Flash point (°C): Not applicable.
Flammability (solid, gas): Undetermined.
Ignition temperature (°C): Not applicable.
Lower and upper flammability or explosion limits: No data available.
Solubility in water (g/l) at 20 °C: Insoluble.
Additional information: No more relevant data are available.

10. STABILITY AND REACTIVITY

10.1. Reactivity:

Not applicable.

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

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) N° 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.

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

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.

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

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.

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.