

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Relevant identified uses of the material. Sintered mineral compact for coating surfaces.

Provider information on safety data sheet.

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2. IDENTIFICATION OF HAZARDS

Classification of the material: Classification as per Directive 67/548/EEC or Directive 1999/45/EC: Not considered.

Potential health effects: Materials supplied by Urbatek do not pose any health risk in their finishing or installation. However, the by-product powder from the shaping processes (cutting, chipping, sanding, drilling, polishing, or manufacturing) may contain air-transported breathable crystalline silica. Prolonged or repeated inhalation of breathable crystalline silica may cause pulmonary fibrosis, commonly known as silicosis, as well as other serious lung diseases (COPD); the appropriate considerations described in this document shall be taken.

HAZARD STATEMENTS:

H372 - Causes damage in lungs after prolonged or repeated exposure (inhalation).

H335 - It can irritate airways.

PRECAUTIONARY STATEMENTS:

P202 - Do not manipulate material before having read and understood all the safety instructions.

P260 - Do not breathe the dust generated during the manufacturing process and shaping of the pieces.

P264 - Wash hands and face thoroughly after handling.

P270 - Do not eat, drink, or smoke during its use.

P280 - Wear gloves, suitable work clothing, and protective goggles.

P284 - Wear respiratory protection equipment for particles (P3).

P314 - See a physician in case of physical discomfort.



Causes damage in organs after prolonged or repeated exposure

3. FIRST AID

Eye-contact with dust: wash immediately with plenty of water for at least 15 minutes. Seek medical attention immediately.

Skin contact with dust: wash the affected area generously with soap and water. Seek medical attention if adverse effects occur.

Inhalation of dust: move person to fresh air. If they have stopped breathing, give rescue breathing and seek medical attention immediately.

Ingestion of dust: the product in its commercial form is inert. If large amounts have been ingested, seek medical attention.

4. FIRE-FIGHTING MEASURES

Extinguishing means. Extinguishing means

Specific hazards produced by the substance or mixture. Not applicable.

Advice for firefighters. Not applicable.

5. MEASURES IN CASE OF ACCIDENTAL SPILLAGE

Personal precautions, protective equipment, and emergency procedures. Avoid dust generation; Urbatek recommends wet cutting/polishing to prevent exposure to silica dust.

Environmental precautions. Not applicable.

Methods and materials for containment and cleaning up. See cleaning guide at www.urbatek.com

References to other sections. Refer to sections 7,8, and 13.

6. HANDLING AND STORAGE

Protective measures: Prevent and reduce the creation of dust as much as possible. Use suction systems or respiratory protection equipment for particles. Wash hands with soap and water at the end of the work. Remove clothing with dust at the end of the work.



Do not eat, drink, or smoke during processing

7. INDIVIDUAL PROTECTION



Use safety footwear.



Hand protection: Protective gloves.



Respiratory protection. FFP3 Mask as per standard EN 143:2001 and its revisions EN 143/AC: 2002 and EN 143/AC: 2005.



Eye and face protection: Single-frame goggles.

8. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance: Solid slab. Scent: Odorless.

Information about environment, health, and safety

Apparent specific gravity: 2.3 PH: Not applicable.

Solubility in water: Insoluble.

9. STABILITY AND REACTIVITY

Reactivity. Not applicable..

Chemical stability. Not applicable.

Possibility of hazardous reactions. None known.

Conditions to avoid. The formation of dust shall be avoided.

Incompatible materials. None known.

Hazardous decomposition products. None known.

10. TOXICOLOGY INFORMATION

The CLP Regulation (EC) No. 1272 / 2008, alignment with the Global Harmonised System on classification, labeling, and packaging of chemical substances and mixtures (GHS), does not consider any risk associated with Urbatek.

11. ECOLOGICAL INFORMATION

Not applicable.

12. DISPOSAL CONSIDERATIONS

The residue is similar to inert construction waste, and therefore the authorized agent for this type of waste shall be the one to dispose of it.

13. REGULATORY INFORMATION AND TRANSPORT

Urbatek materials are not restricted in any of the following categories:

- Transport of dangerous goods (ADR).
- International carriage of dangerous goods by rail (RID).
- Maritime transport (IMO).
- Air transport (ICAO / IATA).

