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Date of issue:

Material Safety Data Sheet Jesmonite Stone Fillers

1. Identification of the Substance/Preparation and Company

Product Name: Jesmonite Stone Fillers

Company Address:

Tersus Limited. Challenge Court, Bishop's Castle, Shropshire, SY9 5DW

Tel: +44 (0) 1588 630302

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2. Composition/Information on Ingredients

Description of preparations

Silica sand, dolomite, granite and pigments.

3. Hazards Identification

Main hazards: Not classified as hazardous. Possibility of dust generation on handling.

Health effects

Eyes: Dust will cause transient irritation by abrasion.

Skin: Dust may cause irritation by abrasion.

Ingestion: Gastrointestinal irritation.

Inhalation: Exposure to dust may have the following effects – severe irritation of nose, throat and respiratory tract due to respirable silica.

4. First Aid Measures

Inhalation: Remove from exposure. Keep warm and at rest. If there is difficulty in breathing, give oxygen. Obtain medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting. Obtain medical attention.

Eyes: Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin contact: Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists.

5. Fire Fighting Measures

Extinguishing media: Not combustible.

6. Accidental Release Measures

Spillage: Transfer into suitable containers for recovery or disposal. Avoid creating a dust.

7. Storage and Handling

Handling: Use in well ventilated area. Avoid inhaling dust.

Storage: Storage area should be dry, well ventilated.

8. Exposure Controls/Personal Protection

Occupational exposure standards

Silica sand: UK EH40: OES 0.4mg/m₃ 8h TWA as SiOS dust, respirable

Engineering control measures

Use of the basic principles of industrial hygiene will enable this material to be used safely.

Respiratory protection

Dust respirator if conditions are dusty.

Hand protection

PVC gloves.

Eye protection

Chemical goggles or face shield.

Body protection

Normal work wear, overall or apron.

Protection during application

In all cases of protective equipment the use must ensure that the equipment complies with the relevant standard. If there is any doubt, the use should show this data sheet to the supplier of the equipment to ensure the correct equipment is available.

9. Physical and Chemical Properties

Physical state	Granules
Colour	
Odour	Odourless
Solubility in water (kg/m₃)	Very low
Density (kg/m₃)	2650
Particle size range	Variable

10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Exposure to water or moisture.

11. Toxicological Information

Irritancy – eyes

This material is an irritant to the eyes.

Irritancy – skin

The degree of irritation was insufficient to warrant labelling as a skin irritant.

Toxicological Information *(continued)*

Additional data

STATEMENT REGARDING RESPIRABLE SILICA

This product contains respirable silica in the form of quartz (partical size range in microns is stated in section 9 of this MSDS). Prolonged exposure can give rise to fibrosis of the lungs, commonly referred to as silicosis. The respirable percentage of SiO₂ available to inhale will be dependant upon prevailing conditions.

12. Ecological Information

Mobility

This product is involatile and insoluble and will accumulate in the ground.

Persistence/Degradability

The product is resistant to biodegradation.

13. Disposal Considerations

Product disposal

Landfill. Dispose of in accordance with all applicable local and national regulations.

Container disposal

Contaminated containers must not be treated as household waste.

14. Transport Information

ADR/RID Description

Not classified for conveyance purposes.

15. Regulatory Information

Labelling information

Not classified (health)

Not classified (safety)

Not classified (environment)

S phrases

Do not breathe dust. Take precautionary measures against static discharges.

16. Other Information

Uses and restrictions

Building material sand additives. Ceramic materials. Filler. Foundry sand, Glass manufacture.

Disclaimer of Liability

The information in this MSDS was obtained from sources we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS may not be acceptable.