

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: **GREENTECH HEATSHIELD M1150 FIRE STOP MORTAR**

Product code: **M1150**

1.2. Relevant identified uses of the substance: Thermally insulating fire rated sealing

1.3. Details of the supplier of the safety data sheet

Company name: Green Tech Thermal Insulation Products MFG. LLC, Umm Al Quwain, United Arab Emirates. Phone: 050 5850023, E. mail: operations@greentech-isolatek.com

2. HAZARDS IDENTIFICATION

Classification : N/A

Pictogram Hazard Statements : N/A

Precautionary Statements Response : N/A

Prevention : N/A

Storage : N/A

Disposal : N/A

General : If medical advice is needed, have product container or label at hand.

Keep out of reach of children. Read label before use.

Ingredients of unknown toxicity: 0%

Classified Additional Information: While this material is not considered hazardous by the OSHA Hazard Communication Standard, this SDS contains valuable information critical to the safe handling and proper use of the product.

Hazard statements:

H318: Causes serious eye damage

H315: Causes skin irritation

H335: May cause respiratory irritation

Precautionary statements:

P102: Keep out of reach of children

P280: Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P310: IF IN EYES: Rinse cautiously with water for several minutes.

P302+P352: IF ON SKIN: Wash with plenty of water

P261: Avoid breathing dust/spray

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P501: Dispose of contents/container according to local regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight %
Calcium Carbonate	1317-65-3	50-60
Calcium Sulphate	13397-24-5	35

4. FIRST AID MEASURES

General advice: Provide this SDS to medical personnel for treatment reference.

Inhalation: May cause nose & respiratory tract irritation. If irritation is experienced, remove source of contamination or move victim to fresh air. If irritation persists, seek medical assistance.

Eye contact: Direct contact with eyes may cause temporary irritation. Immediately flush the contaminated eye(s) with luke warm, gently flowing water for 5 minutes while holding the eyelid(s) open.

Ingestion: Rinse mouth thoroughly with water. If irritation or discomfort occurs, seek medical advice.

Skin contact: No health effects expected. If irritation does occur, flush with lukewarm water gently for few minutes.

If irritation persists, seek medical care.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

The product is noncombustible. Use a dry powder, foam or CO₂ fire extinguisher to extinguish the surrounding fire. Use extinguishing measures that are appropriate to local circumstances.

5.2. Special hazards arising from the substance or mixture: None

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and safety goggles for eyes.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

Mark out the contaminated area with signs and prevent access to unauthorized personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning : Not a hazardous substance or mixture.

Other hazards: None known

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Do not handle in a confined space.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a dry, well ventilated area in between 5°C and 30°C.

Any contact with air and moisture should be avoided.

Storage outside these parameters will reduce shelf life and invalidate all product warranties.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

To control potential exposures, generation of dust should be avoided. Further, appropriate protective equipment is recommended. Eye protection equipment (e.g. goggles or visors) must be worn, unless potential contact with the eye can be excluded by the nature and type of application (i.e. closed process). Additionally, face protection, protective clothing and safety shoes are required to be worn.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation in the area of operation.

Respiratory protection: Masks must be worn if ventilation is poor.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Powder when dry & Semi solid paste when wet

Colour : Off White

Odour : Slight earthy odour

Evaporation rate : N/A

Flammability: Non Flammable

Explosive Limits: Not explosive

Solubility in water: Forms a Slurry when mixed with Water

10. STABILITY AND REACTIVITY

10.1. Chemical stability: Stable under normal conditions.

10.2. Possibility of hazardous reactions: None

10.3. Conditions to avoid: Heat. Moist air. Humidity.

10.4. Incompatible materials: Strong oxidizing agents. Strong acids.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicity values: Not applicable

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Drowsiness may occur.

12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity values: Not relevant as this product is an inorganic material. After hardening, it presents no toxicity risks.

12.2. Persistence and degradability: Not relevant

12.3. Bio accumulative potential: Not relevant

13. DISPOSAL CONSIDERATIONS

13.1. Product – unused residue or dry spillage:

Pick up dry unused residue or dry spillage as is. Mark up containers. Possibly reuse depending upon shelf life considerations and the requirements to avoid dust exposure. In case of disposal, harden with water and dispose of as below.

Product – slurries:

Allow to harden, avoid entry in sewerage and drainage systems or into bodies of water.

Dispose of as solid waste. This is not classed as a dangerous waste.

Packaging:

Completely empty, clean packaging to be disposed in accordance with local legislation.

Dispose of according to local or national regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous or hazardous for transport by air, sea or road.

DOT : Not dangerous goods

IATA : Not dangerous goods

IMDG: Not dangerous goods

Special precautions for user: No data available

15. REGULATORY INFORMATION

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

As stated in various sections of this SDS

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. OTHER INFORMATION

Legal disclaimer:

Although we try to ensure that the information in this publication is accurate, it is not intended as technical advice applicable to your particular circumstances and we accept no liability if you use it in this way. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. The advice shown on this sheet is given as a guide to good practice, but the company accepts no responsibility for any loss, damage or injury howsoever caused in following it. The company shall not be held liable for any damage resulting from handling or from contact with the above product.