

Issued: 27/07/2021

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

1.1. Product identifier

Product name: GREENTECH HEATSHIELD S550

Product code: Premium intumescent sealant

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: Greentech 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

Signal Word

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%

Hazards not Otherwise

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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight %
Calcium carbonate	1317-65-3	50-60
Acrylic emulsion	Proprietary	40-50
Distillates (Petroleum) Hydrotreated Middle	64742-46-7	<4
Ethylene Glycol	107-21-1	<4
Benzoate Esters	Proprietary	7-10

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4. FIRST AID MEASURES

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

Inhalation : If systems are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.

Eye contact : Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minute while holding the eyelid(s) open. Obtain medical attention.

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

Skin contact : No health effects expected. If irritation does occur, flush with lukewarm, gently flowing water for minutes. If irritation persists, obtain medical advice.

Most Important Symptoms and Effects, both Acute and Delayed.

Symptoms Causes skin irritation. May cause nose & respiratory tract irritation. Direct contact with eyes may cause temporary irritation.

4. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media:

Small fire : Use carbon dioxide, dry chemical or water spray

Large Fire : Use dry chemical, foam or water spray

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and 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 up

GHS Label Element Not a hazardous substance or mixture.

Other hazards None known

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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.

Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Store in original containers between +5°C and +25°C. Storage outside these parameters will dramatically reduce shelf life and invalidates all product warranties.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Workplace exposure limits : Respirable dust

State 8 hour TWA 15 min. STEL 8 hour TWA 15 min.

STEL UK 10ppm (acetic acid) 15ppm (acetic acid)

8.2. Exposure controls

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

Respiratory protection : Gas/vapour filter, type A: organic vapours (EN141). must be worn if vapour concentrations above OES or 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

State: Paste

Colour : Various

Odour : slight acrylic Odour

Evaporation rate : Moderate

Solubility in water : Dilutable in wet stage

Viscosity : Highly viscous

Boiling point/range °C : N/D

Specific gravity : 1.67 ± 0.01

pH : 7.8

9.2. Other information : Not applicable.

10. STABILITY AND REACTIVITY

10.1. Chemical stability

Chemical stability : Stable under normal conditions.

10.2. Possibility of hazardous reactions

10.3. Conditions to avoid

Conditions to avoid: Heat. Moist air. Humidity.

10.4. Incompatible materials

Materials to avoid : 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 or mental confusion may occur.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity values : Not applicable.

12.2. Persistence and degradability

Persistence and degradability : No data available.

12.3. Bio accumulative potential: No data available.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations : Dispose of according to local or national legislation

NB : The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

DOT : Not dangerous goods

IATA : Not dangerous goods

IMDG : Not dangerous goods

Special precautions for user : No data available

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15. REGULATORY INFORMATION

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

15.2. Chemical Safety Assessment

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: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.