



SAFETY DATA SHEET

1. Identification of the substance / company

Trade Name: Bleutek Systems LLC tile backer board and tileable shower pan

General use: Tile backer board underlayment, rigid internal wall insulation and tileable shower underlays.

Manufacturer Identification:

Name: Xuancheng JIT New Materials Tech. Co., Ltd.

Address: No. 7, SongQuan East Road, XuanZhou Economic Development Zone,
XuanCheng City, AnHui Province, China

Tel: 86-571-86925966

Web: www.tile-backer-board.com

E-mail: sales@tile-backer-board.com

2. Hazard Identification

This product is not classified as hazardous (to people or to the environment) under current regulations.

3. Composition / Information of Constituents

Extruded polystyrene foam core without halogenated flame retarding agent.

Preparation does not contain dangerous substances above limits that need to be mentioned according to applicable legislation.

Coating material is a polymer-cement-fibreglass composite.

4. First Aid Measures

Inhalation:

Exposure Pathway - on dust formation: Move the affected person into fresh air.

Dust is non-toxic but obtain medical attention if symptoms persist.

Ingestion:

Exposure Pathway - swallowing the material: material is non-toxic but as it is inert, it may cause blockages to the g.i. tract so do not use laxatives. Medical attention may need to be sought.

Absorption thru Skin: Exposure Pathway - none

Contact with Eyes:

Exposure pathway - on dust formation: Wash eyes with plenty of water for several minutes for at least 15 minutes.

5. Fire Fighting Measures

Suitable extinguishing media:

Water spray jet, foam, dry chemical powder, carbon dioxide.

Un-suitable Extinguishing Media: None

**Exposure Hazards arising from fire:**

Dense black choking smoke that can rapidly develop reducing visibility.

Toxic gases such as Carbon Monoxide and Hydrogen Bromide will be generated.

Fire fighting Equipment: Protective respirator with independent air supply.

6. Accidental Release Measures

Personal precautions: No special measures required

Environmental Measures: Discharge into the environment must be avoided.

Method for Cleaning up Spills:

Take up mechanically. Dispose of waste according to applicable legislation. Avoid generation of dust. Final cleaning.

7. Handling and Storage

Handling: No special measures required.

Storage: Store in dry place. Protect from direct sunlight. Store on flat surfaces.

All fire sources have to be avoided.

Advise on protection against fire and explosion: Keep away from sources of heat and ignition.

8. Exposure Controls / Personal Protection

Exposure Limits: No limit values

Respiratory Protection: No special measures required. A dust mask may be worn if excessive dust is generated.

Personal protective equipment: Protect eyes from dust and sensitized skin from the dust during cutting.

Hand Protection: No special measures required.

Eye Protection: Protect eyes from dust and sensitized skin from the dust during cutting.

General protection and hygiene measures: Avoid generation of dust. Wash hands before breaks and after work.

9. Physical and Chemical Properties

Form:	Sandwich sheet.
Colour:	Grey outer skin, blue or other colours foam core.
Odour:	Odourless.
Storage temperature:	-122°F to +167°F (-50 °C to +75 °C.)
Softening temperature:	167°F (75 °C)
Flash point:	Not applicable.
Ignition temperature:	about 662°F (350 °C).
Explosion danger:	None.
Solubility in water:	insoluble.



10. Stability and Reactivity

Stability: Completely inert during normal operational conditions

Materials / Conditions to avoid: Temperatures above 662°F (300°C)

Aromatic hydrocarbons - organic solvents Adhesives based on organic solvents. Strong Oxidising agents - acids.

Hazardous Decomposition Products: High temperatures (but not burning) may generate small amounts of aromatic hydrocarbons or trace amounts of hydrogen halides. Burning foam will emit dense black smoke.

11. Toxicological Information

Inhalation:	Dust may irritate respiratory system
Ingestion:	Discomfort if swallowed
Skin:	None
Eyes:	Particles are abrasive and may cause damage to the cornea.
Toxicity of Material in normal use:	None

12. Ecological Information

Not regarded as hazardous to the environment

13. Disposal Considerations

Recycling of this product is currently not widely available. It is expected that sandwich boards of this nature will be able to be recycled soon. It should be disposed of in landfill sites. The material should not be incinerated except in regulated and approved incineration plants.

14. Transportation

Not classified as a hazardous material.

Not restricted by road, rail, sea or air.

15. Regulatory Information

This product is an article as defined by TSCA regulations, and is exempt from TSCA inventory listing requirements.

16. Other Information

None

- Last revision of this MSDS: 15th May 2019
- The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulation.