

# SAFETY DATA SHEET

According to COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)



## TERRAPER FIRE INSULATION PLASTER

Issue date: 03/05/2024  
Version: 1.0

SDS number: ZD:SDS:2024588

### Section 1: Identification

#### 1.1 Product identifier used on the label

**Product form:** Mixture  
**Product Name:** TERRAPER FIRE INSULATION PLASTER

#### 1.2 Recommended use of the chemical and restrictions on use:

**Use of the substance/mixture:** Heat, Sound and Fire Insulation

#### 1.3 Information of the Supplier of Safety Data Sheet

**Manufacturer:** BETONITE YAPI MALZEMELERI SANAYI VE TICARET LIMITED SIRKETI  
**Address:** MANSUROGLU MAH. DUMLUPINAR CAD.NURISIK NO:47/10 BAYRAKLI / IZMIR  
**Phone:** +90 530 477 09 09  
**Mail:** [info@betonite.com](mailto:info@betonite.com)

#### 1.4 Information on security:

**Phone:** [info@betonite.com](mailto:info@betonite.com)

#### 1.5 Emergency phone number

For Chemical Emergency Call CHEMTREC 24hr/day 7days/week Within USA and Canada: +1-800-424-9300 Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

Emergency response center: 911  
Fire department: 800-238-3358

### Section 2: Hazard(s) Identification

#### 2.1. Classification of the substance or mixture

**Physical Effect:** There is no physical danger.  
**Potential Acute Effect on Health:** Skin Irrit. 2 H315, Eye Dam. 1 H318, STOT SE 3 H335, Skin Sens. 1B H317

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**Effects on environment:** There is no environmental effect.

### 2.2. GHS Label elements, including precautionary statements

#### GHS US classification

##### Signal pictograms:



**Signal word:** Danger

##### Hazard statements:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

##### Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/ spray.

P271 Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

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

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P391: Collect spillage.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container to local regulation.

### 2.3 Additional information

This substance does not qualify as PBT or vPvB.

## Section 3: Composition/ Information on Ingredients

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### 3.1 Substances

Not applicable.

### 3.2 Mixtures

Chemical Name	EC	CAS	Concentration (%)	GHS Classification
Cement, portland, chemicals	266-043-4	65997-15-1	50-75	Skin Irrit. 2 H315 Skin Sens. 1B H317 Eye Dam. 1 H318 STOT SE 3 H335

## Section 4: First-Aid Measures

### 4.1 Description of first aid measures

**First-aid measures general:** Call a physician immediately.

**First-aid measures after inhalation:** Remove person to fresh air and keep comfortable for breathing.

**First-aid measures after skin contact:** Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.

**First-aid measures after eye contact :** If any irritation occurs, call a physician immediately.

**First-aid measures after ingestion:** Rinse mouth. Do not induce vomiting. Call a physician immediately.

### 4.2 Most important symptoms and effects (acute and delayed)

**Symptoms/effects after skin contact:** Causes skin irritation. May cause an allergic skin reaction.

**Symptoms/effects after eye contact:** Causes serious eye damage.

**Symptoms/effects after ingestion:** No effect available.

### 4.3 Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## Section 5: Fire-Fighting Measures

### 5.1. Suitable (and unsuitable) extinguishing media

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**Suitable extinguishing media:** Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

**Hazardous combustion products:** Carbon oxides (CO, CO<sub>2</sub>)

**Hazardous decomposition products in case of fire:** Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

**Protection during firefighting:** Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing

## Section 6: Accidental Release Measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**General measures:** Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. May be dangerously slippery if spilled.

#### 6.1.1. For non-emergency personnel

**Emergency procedures:** Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

#### 6.1.2. For emergency responders

**Protective equipment:** Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid mixing with sewers/surface water/ground water. In case of mixing into waters or sewers, notify the competent authorities. If there is no safety hazard, prevent further leakage or spillage.

### 6.3. Methods and material for containment and cleaning up

Absorb the spilled product with sand, earth or other absorbent material and place it in a suitable container for waste. Clean the spill area with plenty of water.

### 6.4. Reference to other sections

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For further information refer to section 13.

### Section 7: Handling and Storage

#### 7.1. Precautions for safe handling

**Precautions for safe handling:** Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust and vapor. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Hygiene measures:** Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.

#### 7.3. Specific End Use(s)

The defined uses of this product are detailed in Section 1.2.

### Section 8: Exposure Controls/Personal Protection

#### Occupational exposure limits

No data available.

#### 8.2. Appropriate engineering controls

**Appropriate engineering controls:** Ensure good ventilation of the work station.

**Environmental exposure controls:** Avoid release to the environment

#### 8.3. Individual protection measures/Personal protective equipment

Hand protection: Protective gloves. EN 374

Eye protection: Safety glasses. EN 166

Skin and body protection: Wear suitable protective clothing

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Appearance: powder  
Odor: No data available  
Color: off white  
Odor Threshold: No data available  
pH value: 14  
Melting Point: No data available  
Initial Boiling Point: No data available  
Freezing point: No data available  
Flash Point: No data available  
Melting Point: No data available  
Evaporation Rate: No data available  
Flammability (Solid, Gas): No data available  
Upper / Lower Explosion Limits: No data available  
Vapor Pressure: No data available  
Vapor Density: No data available  
Refractometric value: No data available  
Density: 450-550  
Solubility: Insoluble in water  
Partition Coefficient: No data available.  
Flammability Temperature: No data available  
Decomposition Temperature: No data available  
Viscosity: No data available  
Flammability Feature: No data available  
Explosion Properties: No data available

#### 9.2. Other information

No data available.

### SECTION 10: Stability and reactivity

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### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11: Toxicological Information

### 11.1. Information on toxicological effects

Acute toxicity: No data available.

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity: Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity: Suspected of damaging the unborn child.

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STOT-single exposure: Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure: Not classified (Based on available data, the classification criteria are not met)

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecotoxicity: The product is not classified as harmful to the environment.

#### 12.2. Persistence and degradability

There are no short-term hazardous decomposition products. The product itself and its decomposition products are non-toxic.

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Regional legislation (waste): Dispose in a safe manner in accordance with local/national regulations.

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

Transport document description: Not classified as a dangerous good.

UN-No.(DOT): Not classified as a dangerous good.



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Proper Shipping Name (DOT): Not classified as a dangerous good.

Class (DOT): Not classified as a dangerous good.

Packing group (DOT) : Not classified as a dangerous good.

Hazard labels (DOT): Not classified as a dangerous good.

### Transport by sea

Transport document description (IMDG): Not classified as a dangerous good.

UN-No. (IMDG): Not classified as a dangerous good.

Proper Shipping Name (IMDG): Not classified as a dangerous good.

Class (IMDG): Not classified as a dangerous good.

Packing group (IMDG): Not classified as a dangerous good.

### Air transport

Transport document description (IATA): Not classified as a dangerous good.

UN-No. (IATA): Not classified as a dangerous good.

Proper Shipping Name (IATA): Not classified as a dangerous good.

Class (IATA): Not classified as a dangerous good.

Packing group (IATA): Not classified as a dangerous good.

## SECTION 15: Regulatory information

### 15.1 International Regulations

EU: EU CLP stands for the Regulation (EC) No 1272/2008 on the Classification, Labeling and Packaging of Substances and Mixtures

EU: COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

TUR: BY-LAW ON REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS (Official Gazette No: 23.06.2017- 30105)

Classification of substances and mixtures, Packaging and Labelling Regulations - (11 December 2013 and 28848 Rep. No.)

ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road (R.G.24/10/2013-28801)

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### SECTION 16: Other information

#### 16.1. Revision date

Revision date: -  
Changes: first preparation

#### 16.2. Shortcuts

SDS: Safety Data Sheet  
CAS: Service registration number of chemicals  
EINECS: European Inventory of Chemical Substances  
SEA: Regulation on Classification, Labeling and Packaging of Substances and Mixtures published in RG.-11/12 / 2013-28848  
CLP: EU Directive 1272/2008 <Classification, Labeling and Packaging of Substances and Mixtures>  
TWA: Measured or calculated time-weighted average for a specified reference time of 8 hours  
STEL: The maximum exposure value that must not be exceeded for a period of 15 minutes unless otherwise specified.  
Mg / m<sup>3</sup>: at 20 ° C and 101.3 KPa. (760 mm mercury pressure) The amount of material in milligrams of 1 m<sup>3</sup> of air at pressure  
ppm: the amount of material contained in 1 m<sup>3</sup> of air in milliliters (ml / m<sup>3</sup>)  
NIOSH: The National Institute for Occupational Safety and Health CEN: Normalization at the European Commission  
NTP: (National Toxicology Program) National Toxicology Program  
IARC: The International Agency for Research on Cancer  
OSHA: (Occupational Safety and Health Association)  
EWC: (European Waste Catalog) European Union Waste Catalog  
ADR: Transport of Dangerous Goods  
RID: Transport of dangerous goods by rail  
ADNR: Regulation on the Carriage of Dangerous Goods in Rivers  
IMDG: Regulation on training and authorization within the scope of international code on dangerous cargoes transported by sea  
ICAO: International Civil Aviation Organization  
IATA: International Air Transport

#### 16.3 Reference and Sources

- The key information sources used in the editing of this safety data sheet are as follows
- Data sheets for raw materials and product components

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- Regulations and annexes on the preparation and distribution of safety data sheets for dangerous goods and preparations
- UN ADR, IMDG, IATA LISTS
- ECHA (European Chemicals Agency). Supplier's safety documents

### 16.4 Method / procedure used for classification and classification of mixtures:

Skin Irrit. 2 H315- Calculation method  
Eye Dam. 1 H318- Calculation method  
STOT SE 3 H335- Calculation method  
Skin Sensitization-H317- Calculation method

### 16.5 Full text of H-Statements based on sections 2 and 3

H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H335: May cause respiratory irritation.  
H317: May cause an allergic skin reaction.

### 16.6. Other informations

This document has been issued by the person (s) certified in accordance with the regulations by making use of the safety data sheets provided by the manufacturer.

**DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which 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 SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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### Other informations

Use and application information is given in the technical leaflets of the products. The details are based on the information we have today and do not represent any assurance on product quality, nor can **TERRAPER FIRE INSULATION PLASTER** was prepared on behalf of **BETONITE YAPI MALZEMELERİ SANAYİ VE TİCARET LIMITED SİRKETİ**.