

BAUNORM – FIBER CEMENT BOARD

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

Issue Date: 27.08.2024

Revision:1.00

Revision Date: -

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name BAUNORM – FIBER CEMENT BOARD

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

Sector of use Mechanically assembled building plates in the form of sheets that can be used both as wall material inside the building and as cladding material on the exterior facades.

Product category Building material

1.3. Details of the supplier of the safety data sheet

Supplier META ENDÜSTRİ YAPI SANAYİ VE TİCARET ANONİM ŞİRKETİ
Konak Mah. Lefkoşe Cad. 34-36 NM Ofis park A Blok K:1 Daire: 1-2
16265 Nilüfer - Bursa / TÜRKİYE
Phone: 0(224) 451 80 08 / 0(850) 888 63 82
E-mail: info@metaendustri.com.tr
Web: www.metaendustri.com.tr

Person/unit to contact Aydın Karaer - Meta Endüstri Yapı Sanayi ve Ticaret Anonim Şirketi
Phone: 0(224) 451 80 08 / 0(850) 888 63 82
E-mail: info@metaendustri.com.tr

1.4. Emergency telephone number

Emergency telephone National Poison Centre
https://en.wikipedia.org/wiki/List_of_emergency_telephone_numbers

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Additional Information **Classification (Regulation (EC) No. 1272/2008 CLP).**

Physical hazards Not classified.

Health hazards Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Eye Dam. 1 - H318
STOT SE 3; H335

Environmental hazards Not classified.

2.2. Label elements

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Hazard 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

P264 Wash contaminated skin thoroughly after handling.

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

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P333+313 If skin irritation or a rash occurs: Get medical advice/attention.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337+313 If eye irritation persists get medical advice/attention.

P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+313 IF exposed or concerned: Get medical advice/attention.

P501 Dispose of contents/ container in accordance with national regulations.

Contains

Portland cement

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB and any substances with endocrine disrupting properties in concentration $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	EC no	Cas no	Concentration, %	Classification
Cement, portland, chemicals	266-043-4	65997-15-1	40-60	Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Eye Dam. 1 - H318

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				STOT SE 3 - H335
Quartz sand	238-878-4	14808-60-7	25-45	Not classified.

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.

Ingestion

Rinse mouth thoroughly with water. If in doubt, get medical attention promptly. Do not induce vomiting unless under the direction of medical personnel.

Skin contact

Remove contaminated clothing and rinse skin thoroughly with water. Wash contaminated clothing before reuse. Get medical attention promptly if symptoms occur after washing. If in doubt, get medical attention promptly.

Eye contact

Rinse with water. Do not rub eye. Continue to rinse for at least 10 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.

Protection of first aiders

First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

Irritating to respiratory system.

Ingestion

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact

Redness. Irritating to skin.

Eye contact

Causes serious eye irritation. Pain. Itchiness. Redness.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Use foam, carbon dioxide, dry powder or water fog to extinguish.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Avoid contact with skin, eyes and clothing. Do not handle broken packages without protective equipment. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Clear up spills immediately and dispose of waste safely. If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. The contaminated

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absorbent may pose the same hazard as the spilled material. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Leave small quantities to evaporate, if safe to do so.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Read and follow manufacturer's recommendations. Obtain special instructions before use. Wear protective clothing as described in Section 8 of this safety data sheet. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

Storage class

Chemical storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Portland cement

Long-term exposure limit

Total dust limit value: 15 mg/m³

(8-hour TWA):

Inhalable dust limit value: 5 mg/m³

8.2. Exposure controls

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Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection

Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. When used with mixtures, the protection time of gloves cannot be accurately estimated. It is recommended that gloves are made of the following material: Butyl rubber. Nitrile rubber. Polyvinyl chloride (PVC).

Hygiene measures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Eye wash facilities and emergency shower must be available when handling this product.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Solid, plate
Colour	Sand, beige
pH	No information available.
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Flammability (solid, gas)	Not flammable.

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Vapour pressure	No information available.
Relative density	1300 kg/m ³ (±50)
Bulk density	No information available.
Solubility(ies)	Not soluble in water.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
9.2. Other information	
Other information	The information provided is for the final product.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.
Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity – ATE mix (oral, rat) > 2000 mg/kg
GHS 10th revision, Table 3.1.1. Acute toxicity estimate (ATE) values and criteria for acute toxicity hazard categories, assumption for the substances which are not acute oral toxic.

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	Based on available data the classification criteria are not met.
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory sensitisation	Based on available data the classification criteria are not met.
Skin sensitisation	Sensitizing. May cause an allergic skin reaction.
Germ cell mutagenicity	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Based on available data the classification criteria are not met.
Carcinogenicity	Based on available data the classification criteria are not met.
Reproductive toxicity	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity- development	Based on available data the classification criteria are not met.
Specific target organ toxicity	
STOT - single exposure	Irritation of nose, throat and airway.
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	Based on available data the classification criteria are not met.
Inhalation	May cause respiratory irritation.
Ingestion	May cause stomach pain or vomiting.
Skin contact	Redness. Irritating.
Eye contact	Causes serious eye irritation. Redness. Irritation and redness, followed by blurred vision.
11.2 Information on other hazards	
Information on other hazards	Not known.

SECTION 12: Ecological information

Ecotoxicity	Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.
12.1. Toxicity	
Aquatic toxicity - fish	LC50 (96h, fish) > 100 mg/l (Estimation) According to the GHS 10th revised edition, Table 4.1.1. Categories for substances hazardous to the aquatic environment, assumption for the final classification of mixture.
12.2. Persistence and degradability	
Persistence and degradability	
Biodegradation	No information available.

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12.3. Bioaccumulative potential

Bioaccumulation is unlikely.

12.4. Mobility in soil

Insoluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6 Endocrine disrupting properties

Contains no substance(s) known to have endocrine disrupting properties that affect the environment.

12.7. Other adverse effects

Since the components do not contain organically bound halogens, the product does not increase the AOX value of wastewater. The product does not contain substances listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

The generation of waste should be minimised or avoided wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Maritime transport in bulk Not applicable.

according to IMO instruments

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and the

IBC Code

SECTION 15: Regulatory information

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

International regulations

EH40/2005 Workplace exposure limits.Health and Safety at Work etc. Act 1974 (as amended).

ADR 2023 - Agreement concerning the International Carriage of Dangerous Goods by Road (applicable as from 1 January 2023),

European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) 2023.

Classification and Labelling

European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures

Globally Harmonized System of Classification and Labelling of Chemicals (GHS v.10)

Seveso III Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

Does not contain any substances that should be evaluated under the scope of Seveso Directive.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.

Kow: Octanol-water partition coefficient.

LC50: Lethal Concentration to 50 % of a test population.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC50: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

PNEC: Predicted No Effect Concentration.

BCF: Bioconcentration Factor.

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Key literature references and sources for data	NOEC: No Observed Effect Concentration. Source: European Chemicals Agency, http://echa.europa.eu/ SDSs of raw material supplier's.
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Hazard statements in full	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.