



Prepared in accordance with the European Union Directive 91/155/EC and the "Regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals" [Official Gazette 23.06.2017-30105 (Repeated)].

Date of preparation: 05.03.2020

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SECTION 1: Introduction of Substance/Mixture/Company

1.1 Substance/Mixture ID

Product Name : AYPAN D PLUS GYPSUM BOARD

Product Type : Chemical mixture-Final end product

RRN and/or KKDIK registration number : Not related

1.2 Identified Uses and Discouraged Uses of the Substance or Mixture

Product Usage Area : Industrial-Professional Applications

Not recommended use of the product : It is not used as a food ingredient.

1.3 Safety Data Sheet Supplier's Information

Company Name : Aytaş Alçı Enerji Maden ve İnşaat San. A.Ş.

Manufacturer : Cevizlidere Cad. No: 5/A Balgat– Ankara – TURKEY

Contact Address : **Place of Production:** Tol Köyü Mevkii Ankara Bala Kırşehir Yolu, 24th Km., Bala – Ankara – TURKEY

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: (+90) 312 883 87 67

Web Address : <http://www.aygips.com.tr>

Email : aygips@aygips.com.tr

1.4 Emergency Phone Number

Ministry of Health National Poison Center : 114 (24 hours) (<http://uzem.rshm.gov.tr/>)

Emergency First Aid Center : 112 (24 hours)

Fire Brigade : 110 (24 hours)

SECTION 2: Hazard Identification

2.1 Classification of Substance or Mixture (according to T.C. 28848/2013 CLP)

Physicochemical hazards : There is no relationship.

Human Health Hazards : There is no relationship.

Environmental Hazards : There is no relationship.



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2.2 Label Elements (According to T.C. 28848/2013 CLP)

Hazard Symbols :
There is no relation.

A Word of Caution:
There is no relationship.

Hazard statements:
There is no relation.

Precautionary Statements
There is no relationship.

2.3. Other harmfulness

PBT and vPvB evaluation: No application.
Endocrine disrupting properties: It has no application.
For an evaluation of PBT and vPvB results, see section 12.5.

SECTION 3: Composition/Information on Ingredients

3.1 Article
It has no relationship.

3.2 Mixture

Product/Ingredient Name	SPECIAL LIMIT VALUES	T.C. 28848/2013 (CLP) Classification	SPECIAL LIMIT VALUES
Calcium Sulfate Hemihydrate	CAS Number: 7778-18-9 EC : 231-900-3 GHS ID number:-	-	-

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

General:

If any suspicion arises or symptoms persist, seek medical attention. In case of loss of consciousness, put them in a recovery position and seek medical attention.

Soluma:

Remove to fresh air. Keep the patient warm and rest. If he is not breathing, breathing is irregular, or his airways are blocked, have a trained person administer artificial respiration or administer oxygen.

Skin Contact:

Remove contaminated clothing and shoes. Wash the leather thoroughly with soapy water or use an approved leather cleaner. Do not use solvents or thinners.



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Eye Contact:

Check and remove contact lenses. Flush eyes immediately with running water for at least 15 minutes, holding eyelids open, and seek medical attention.

Digestion (Ingestion):

If swallowed, seek medical attention immediately and show this document or label. Keep the patient warm and rest. Don't induce vomiting.

Protection of First Aid Providers:

No action is taken without the necessary training or that may harm people. In cases where you suspect smoke in the environment, the rescue worker must use a suitable mask or full breathing apparatus. Help by mouth-to-mouth breathing can be harmful to the person.

4.2 Important Acute and Subsequent Symptoms and Effects

It has no relationship.

4.3 Initial Signs of Need for Immediate Medical Attention and Specialized Treatment

Notes for Doctor:

Apply treatment according to the symptoms.

Specialized Applications:

No special treatment is required.

SECTION 5: Fire Fighting Measures

5.1 Fire Extinguishers

Suitable Extinguishing Agents:

Alcohol-resistant foam, water, powders.

Unsuitable Fire Extinguishing Agents:

It has no relationship.

5.2 Special Hazards

Hazards from the Substance or Mixture:

As a general precaution, it is recommended to take general precautions against the combustion hazards that may be encountered in case of an increase in pressure when the liquid and its vapor remain in the fire and/or are heated.

Hazardous Combustion Products:

Degradation products; Substances identified as carbon dioxide, carbon monoxide, and metal oxide(s) may be included.

5.3 Recommendations for Fire Extinguishers

Special Precautions for Fire Fighting Teams:

In the event of a fire, evacuate the area immediately, removing everyone from the scene. Officials who do not receive the necessary training should not take any action that will cause personal risk. If it is possible to do so without risk, keep the packaging away from the fire.

Specialized Protective Equipment for Firefighters:

The firefighting team must wear appropriate protective equipment and wear a self-breathing device (SCBA) with a full face mask that operates in positive pressure mode. Firefighters' clothing (including helmets, safety boots and gloves) in accordance with the European standard EN 469 will provide a basic level of protection to protect against chemical-induced incidents.



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SECTION 6: Accidental Spread Countermeasures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

For Emergency Personnel:

If special clothing is required to deal with the spilled substance, observe the information given in Chapter 8 on suitable and inappropriate substances. See also the information in the "For Non-Emergency Personnel" section.

For Non-Emergency Personnel:

Officials who do not receive the necessary training should not take any action that will cause personal risk. Evacuate the surrounding areas. Prevent personnel who are not needed and protected from entering. Turn off sources of ignition. Do not turn on lights, smoke, or light fires in the area. Do not inhale steam or mist. Ensure adequate ventilation. Wear the appropriate mask when ventilation is insufficient. Wear appropriate personal protective equipment.

6.2 Environmental Precautions:

It has no relationship.

6.3 Methods and Materials for Preservation and Cleaning

Small Spill:

It has no relationship.

Large Spill:

It has no relationship.

6.4 References to Other Sections:

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional information on waste handling.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Protective Measures:

Follow good cleaning practices; Clean areas where wood dust accumulates to prevent excessive accumulation of this flammable material. Prevent explosive levels of wood dust from forming in the air. Store in a cool, dry, and well-ventilated place.

Information on Fire and Explosion Protection:

Dust generation should be minimized during use of the product and keep away from ignitions as a precaution.

7.2 Conditions for Safe Storage, Including Disputes

It should be protected from direct sunlight and stored in a dry, cool and well-ventilated area in accordance with local legislation. Regarding the materials with which it is incompatible (see: Chapter 10). Store in their original containers away from foodstuffs and beverages. Store under lock and key. As a precaution, remove all ignition sources. Keep it separate from oxidizing agents. Before handling or using incompatible materials (see Section 10).

7.3 Specific End Uses

There is no application.



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SECTION 8: Exposure Controls / Personal Protection

The information provided in this section relates to general advice and guidance. For specific information on any type of use specified in the Exposure Scenario(s), see the list of Identified Uses in Section 1.

8.1 Control Parameters

Occupational Exposure Limits

The Threshold Limit Value (TLV) in Time-Weighted Average (TWA) is 10 mg/m₃ as long as the total dust is free of asbestos and contains less than <1% crystalline silica (ACGIH 2004).

Maximum Permissible Concentration (MAK) (Fiber-free aerosol inhalability rate) 6 mg/m₃ (DFG 2004).

Recommended Monitoring Procedure:

If this product contains components within exposure limits, it may be necessary to conduct a personal, work environment, or biological measurement to determine the effectiveness of ventilation or other control measures and/or the necessity of using respiratory protective equipment. As below, the application should be made according to the observation standards. European Standard EN 689 (Workplace atmosphere – Guideline on assessment of inhalation exposure to chemical substances for comparison with limit values and measurement strategy) European Standard EN14042 (Workplace atmospheres – Guideline on the use of practices and procedures for assessment of exposure to chemical substances and biological agents) European Standard EN 482 (Workplace atmospheres – Guideline on measuring chemical agents general requirements for the performance of the procedures) It will also be necessary to consult national guidance documents on methods for detecting hazardous substances.

8.2 Exposure Checker

Proper Engineering Controls:

Use only with adequate ventilation. To keep worker exposure to airborne contaminants below the recommended or legal exposure level, use enclosed processing areas, zonal air venting, or other engineering controls. Engineering controls are also required to keep gas, steam or dust components below explosion limit values, if any.

Individual Protection Measures

General:

Please take into account the section 3.10.2 of the Personal Protective Equipment Regulation dated 09.02.2004 and numbered 25368. Gloves should be worn for all work that may cause contamination. In cases of contamination where daily work clothes cannot protect the skin in contact with the product, aprons/coveralls/protective clothing must be worn. Protective goggles should be used when there is a possibility of exposure to chemicals.



Hygiene Measures:

Wash hands, arms and face thoroughly after using the ingredients, before eating, smoking, using the toilet and at the end of the day.

Eye/Face Protection:

To avoid possible contacts, it is recommended to use work glasses in accordance with the EN 166 standard and class 2A5

Hand Protection

Receive "basic" employee training and wear product-resistant gloves (tested according to EN374). If the current study if the conditions are unknown. The glove supplier should be contacted and the appropriate type of glove should be found.



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Protection of the Body:

Personnel protective equipment for the body must be selected based on the task being performed and the necessary risks, and this product must be approved by a specialist before use. Wear appropriate protective clothing. Always wear protective clothing when spraying.

Protection of the Respiratory System:

When a risk situation arises, it is necessary to use a properly fitted, air purifier or Use an air-breathing apparatus. Mask selection is a combination of known or predicted exposure levels, harms and the safe operating limits of the selected mask. An approved/certified gas mask, or Take care to use an equal device.

Environmental Exposure Controls:

It should be checked whether the emissions related to ventilation or the working process of the equipment comply with the requirements of environmental protection regulations. In some cases, necessary modifications must be made by applying fume skimmers and filters to process equipment to reduce these emissions to acceptable levels.

CHAPTER 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical Condition:	Solid
Odor:	Odorless
Ph:	Not related
Melting Point/Freezing Point:	Not related
Boiling Point/Boiling Range:	Not related
Flash Point:	Not related
Evaporation Rate:	Not related
Flammability:	Not related
Lower and Upper Explosion (flammable) Limits:	Not related
Solubility:	Not related
Flammability Temperature:	Not related
Decomposition Temperature:	Not related
Viscosity:	Not related
Explosive Properties:	Not related
Decomposition Temperature:	Not related
Oxidizing Properties:	Not related
Flash point:	Not related



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Density: Not related

Relative Vapor density: Not related

9.2 Other Information

No app

CHAPTER 10: Stability and Reactivity

10.1 Reactivity:

Not related

10.2 Chemical Stability:

Not related

10.3 Possibility of Harmful Reactions:

Not related

10.4 Conditions to Avoid:

Avoid dust formation.

10.5 Substances to Avoid:

Not related

10.6 Harmful Decomposition Products:

Under normal storage and use conditions, no hazardous degradation occurs

SECTION 11: Toxicology Knowledge

11.1 Information on Toxic Effects

Acute toxicity

It has no relationship.

Potential Acute Effects on Health

Inhalation:

It causes depression in the central nervous system (CNS). It can lead to lethargy or dizziness.

Ingestion:

It causes depression in the central nervous system (CNS).

Skin contact:

It has no relationship.

Eye Contact:

It has no relationship.

Information on Physical, Chemical and Toxicological Properties

Solubility:

Adverse symptoms; It may include nausea, vomiting, headache, sleepiness, fatigue, lightheadedness, dizziness and unconsciousness.

Ingestion:



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Adverse symptoms; It may include descriptions such as stomach pains and damage to the swallowing sites.

Skin Contact:

Adverse symptoms; Skin destruction can include definitions such as pain, abrasion, redness, cracking and blisters.

Eye Contact:

Adverse symptoms; It may include descriptions such as pain, watering and redness.

Potential Chronic Effects on Health

General:

Not related

Kanserojens:

Not related

Mutajenite:

Not related

Genetic Implications:

Not related

Other Information:

It has no relationship.

CHAPTER 12: Ecology Knowledge

12.1 Toxicity

It is not specified because the proportion of components that may contain critical values for toxicity is very low.

12.2 Persistence and Degradability

No app

12.3 Bioaccumulation Potential

No app

12.4 Mobility in the Soil

No app

Half-life in soil

There is no application.

Soil/Water Distribution (KOÇ):

It has no app.

Mobility (Mobility):

It has no app.

12.5 PBT and vPvB Results of Evaluation

PBT: No app

VPvB: No app

12.6 Known Adverse Effects

Not related



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SECTION 13: Disposal Information

Disposal in accordance with the "Waste Management" regulation numbered 29314 published by the Ministry of Environment and Urbanization on April 2, 2005.

13.1 Waste Handling Methods

The generation of waste should be avoided or minimized as much as possible.

Packaging & Delivery

The generation of waste should be avoided or minimized as much as possible. The packaging of the waste should be recycled. Incineration or burial should only be considered when recycling is not feasible.

SECTION 14: Transportation Information

Transportation must be carried out according to national regulations or in accordance with ADR for land transport, RID for transport by train, IMDG for transport by sea, ADN for inland waterway transport, ADN for transport by air and IATA for transport by air.

	ADR/RID	ADN	IMDG	IATA
14.1 UN Number	-	-	-	-
14.2 Proper UN transport name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packaging group	-	-	-	-
14.5 Environmental hazards	-	-	-	-
14.6 Special Precautions for the User:				
14.7 MARPOL	-	-	-	-

SECTION 15: Regulatory Information

15.1 Substance or Mixture Specific Safety, Health and Environmental Legislation

Republic of Turkey Ministry of Environment and Urbanization, Regulation on the Classification, Labeling and Packaging of Substances and Mixtures, dated 11 December 2013, No. 28848.

Republic of Turkey Ministry of Labor and Social Security, Regulation on Health and Safety Measures in Working with Chemical Substances, dated 12 August 2013, numbered 28733.



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Republic of Turkey Ministry of Labor and Social Security, Regulation on the Use of Personal Protective Equipment in Workplaces dated 2 July 2013 and numbered 28695

Republic of Turkey Ministry of Labor and Social Security, Occupational Health and Safety Law No. 6331 dated 30 June 2012.

Republic of Turkey Ministry of Environment and Urbanization, Waste Management Regulation dated April 2, 2015, numbered 29314.

Regulation on the Transport of Dangerous Goods by Road dated 18/06/2022 and numbered 31870

Regulation dated 23/06/2017 and numbered 30105 on the Registration, Evaluation, Authorization and Restriction of Chemicals

Annex XIV of EU Regulation (EC) No. 1907/2006 (REACH) - List of substances subject to authorization - Substances of high concern

Annex XIV: None of the constituent substances are included in the list.

Substances of High Importance: It does not contain substances that can be candidates for substances of high importance.

Annex XVII: The product does not contain a prohibited amount of ingredients according to its component content.

15.2 Chemical Safety Assessment:

As this product is a mixture, a chemical safety assessment has not been carried out in accordance with EU REACH Regulation 1907/2006.

SECTION 16: Other Information

CLP Classification Safety data sheet pursuant to REACH Regulation (EC) No 1907/2006 as amended by Regulation (EU) 2020/878 (EU) pursuant to Regulation (EU) 2020/849 (EU) of 11 March 2021 (18th adaptation) as an amendment to CLP Regulation (EC) No 1272/2008 (EC).

Abbreviations and Synonyms:

ADR	European Agreement on the International Carriage of Dangerous Goods by Road
ADN	European Agreement on the International Carriage of Dangerous Goods in Inland Waterways
CAS	Service registration number of chemical substances
RID	Agreements on the International Carriage of Dangerous Goods by Rail
CLP	Regulation on Classification, Labeling, and Packaging of Chemicals
EC	European inventory number of chemical substances



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IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
PBT	Persistence-Bioaccumulation-Toxicity
vPvB	Multi-persistence-Very bioaccumulation
ATE	Predicted acute toxicity
RRN	REACH Registration Number

Additional Information

It has been prepared within the framework of the Regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals (dated 23/06/2017 and numbered 30105) and has been prepared/approved by expert personnel certified as stipulated by the regulation.

No prohibitions or restrictions have been imposed on the sale, use, usage areas and quantities of the substances contained in the mixture within the scope of this safety data sheet in order to protect the environment and human health.

The information provided is only a guide to the safe use, application, processing, storage, handling, disposal and placing on the market of the product and should never be considered a warranty or specification. The information provided is only for the defined **AYPAN D PLUS GYPSUM BOARD** and may not be valid if used or processed together with another substance, unless specified in the text. Moreover, since the conditions of use are out of control, it is the customer's responsibility to determine the safe conditions for the products in question. The information provided in this document does not constitute a warranty/guarantee for the features of the product and does not constitute a legally binding agreement/contractual legal relationship. This document complements the technical documents but cannot replace them. The information provided is based on our information about this product that exists at the time of publication.

Information About Preparation / Revision:

A revision has been made in accordance with the Regulation on the Restriction of Authorization for the Registration of Chemicals (On 23/06/2017 No. 30105 (Repeated)) and in accordance with the classification in accordance with Directive (EC) No. 1272/2008 [CLP].

Source of Information and References:

This is GBF, AYTAŞ ALÇI ENERJİ MADEN VE İNŞAAT SAN. TIC. A.Ş. has been prepared based on the information provided by its internal references.

Information from reliable chemical data-based sources such as ECHA, Chemical Book, Pubchem was used.

For product standards, see: TS EN 520+A1 Gypsum Boards.

Author Information

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