A1 COREX

SECTION 1: Description of the Substance/Mixture and Company/ Business Owner

1.1. Description of the Substance/Mixture

Product name
A1 COREX

SDS
411269

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

Recommended Uses
A1 COREX is a plasterboard used in the cladding of existing walls and partition walls, in the construction of suspended ceilings, shaft walls and ventilation ducts, and to enhance the fire resistance of steel and wooden structural components. The core of A1 COREX is strengthened with special additives to ensure fire resistance. Both sides of A1 COREX are coated with a completely non- combustible fiberglass matting. The "A1" class specifies non-combustible building materials. A1 COREX offers ideal fire resistance solutions for public buildings including schools, hospitals, hotels, and commercial and business centers.

Non Recommended Uses
Recommended uses identified

1.3. Definition of Company Owner

Supplier
Dalsan Alçı Sanayi ve Ticaret A.Ş.

Production
Dalsan Alçı Sanayi ve Ticaret A.Ş.
Gebze Tesisleri
Ziya Gökalp Cd. No:4, 41400
İnönü Mah. Gebze Güzeller Organize Sanayi
Bölgesi/Gebze/Kocaeli
T: (90) 0262 677 78 00
F: (90) 0262 751 41 64
E-mail: gebze@dalsan.com.tr

1.4. Emergency Phone

T: 112

SECTION 2: Hazardous Identification

2.1. Classification of the Substance/Mixture

Classification:
This product has not been classified as dangerous under (CLP) provisions of 1272/2008 (AT) Regulation (and future changes and adaptations).

2.2. Label elements

There is not any labeling in accordance with NI 1272/2008 (EC) Regulation

Hazard statements
None

Warning Indicators
None

Prevention Indicators
None

2.3. Other hazards

Not applicable.

SECTION 3: Content Information

3.1. Mixtures

Composite construction material as calcium sulfate dehydrate by combining starch, hardening accelerator, plasticizer, foam agent, water repellent, glass fiber, calcium sulfate hemihydrate and water mixture with glass fiber mesh.

Calcium sulfate hemihydrate	
CAS Number: 7778-18-9	EC Number: 231 900-3

SECTION 4: First aid measures

4.1. Explanation of First Aid Measures

General information
If any discomfort persists, seek medical attention. Show this Safety Data Sheet to medical personnel.

Contact with Eye
In case of any contact with eye during cutting and sandpapering the plasterboard, the eye should not be rubbed to prevent any possible cornea damage. Contact lenses should be removed, if any. To remove the pieces in the eye, the head should be bent immediately and washed with plenty of water for a minimum of 20 minutes. Isotonic water (0,9% NaCl) should be used, if possible. Then, a medical eye doctor should be contacted.

Contact with Skin
After the contact of the plasterboard with skin, the skin should be washed with plenty of water and clothes, shoes, watch, etc. should be cleaned completely. A medical doctor should be contacted in case of irritation or burnt.

Inhalation
If the dust caused by cutting and sandpapering the plasterboard is inhaled, the exposed person should be taken to the fresh air promptly. Respiratory tract and nose should be cleaned off by the sufferer. A medical doctor or hospital should be contacted in case of coughing, etc.

Swallowing
Firstly, contact the Poison Information Center or a medical doctor for getting advice. The exposed person should not be forced to vomit in case of swallowing. The patient should drink plenty of water, if conscious. The patient should be ensured to bend forward or repose on his/her left side if already vomited in order to open the air passage and prevent the vomit from getting into lungs. The patient should be taken to a doctor or hospital immediately.

First aid workers protection
First aid personnel must wear appropriate protective equipment during any rescue

SECTION 5: Firefigting Measures

5.1. Fire Extinguishers

Plasterboard is not flammable but the packaging material might burn. Water or fire extinguishers with dry chemical dust, carbon dioxide (CO2) or foam are used.

5.2. Specific Hazards Caused by the Substance/Mixture

Plasterboard is not flammable and has no explosion or inflammatory risk when mixed with other substances. Avoid from inhaling byproducts of combustion.

5.3. Protective Equipment for Firefighting Teams

Self-contained open-circuit pressed air inhalation, clothes used for firefighting, protective gloves for firefighters, firefighter boots and similar equipment for firefighting.

SECTION 6: Measures Against Post-Accidental Spreading

6.1. Personal Measures, Protective Equipment and Emergency Procedures

Use the protective equipment in the way defined in the Chapter 8 and apply the safe transportation and usage recommendations given in the Chapter 7.

Emergency procedures are not necessary. However, inhalation protection is required for high dust levels. Fully and completely fitting inhalation device is used for inhalation protection in high dust levels.

6.2. Environmental Measures

Do not let it mix with sewage and drainage systems and with aboveground and underground waters.

6.3. Methods and Materials for Protection and Cleaning

If possible, collect the spilled product as soon as possible.

6.4. References to Other Chapters

See Chapter 8 and 13 for further information.

SECTION 7: Handling and Storage

7.1. Measures for Safe Handling

General Informaion
Handle the product after reading all chapters of this safety sheet. Prevent the product from spreading to the environment. Do not consume any food/beverage and do not smoke during the application. Remove the contaminated clothes and PPE before entering the places where food is consumed.

Use an appropriate lifting method for handling. Weight of each product might differ. Acting in compliance with the ergonomics rules while lifting the load is of vital importance.

Personal protective equipment (PPE - protective gloves, mask, steel-toe shoes) should be used while carrying the plasterboards.

It is recommended to carry them by two people from each side by holding the long sides parallel to the floor and short sides vertical to the floor.

If mechanical handling is preferred, a lifting equipment (e.g. forklift) appropriate for the size and weight of the load (plasterboard pallet) should be used. Storage place should be appropriate and a total of 6 plasterboard wedges should be placed between each pallet in equal distances and maximum of 5 pallets should be packed on top of each other (1 pallet = max. 60 plasterboards).

Plasterboards are not suitable to be used on the floor. People who are making the application are recommended to use an independent platform during their work because the plasterboards cannot carry human weight.

7.2. Conditions for Safe Storage Including Disputes

Requirements for Warehouses and Containers
Plasterboards are stored in dry, cool and well-ventilated storages according to the specified rules.

Detailed Information on Storing Conditions
Boards should be stacked flat. Gypsum board must be stored in dry areas

Gypsum board must be stored under protective cover and off the ground. Sufficient risers must be used to assure support for the entire length of the gypsum board to prevent sagging.

7.3. Final Usages

It should be applied in a interior.

SECTION 8: Exposure controls/Personal protection

8.1. Control Parameters

Substance
Calcium sulfate hemihydrate

Limit Value
10 mg/m^3 8hr TWA

8.2. Exposure Controls

Appropriate Engineering Controls
Proper ventilation of the working environment with an effective local absorption method should be guaranteed as it is required to take the appropriate technical measures and always prioritize them over the personal protection equipment. If necessary, consult to your own chemical substance suppliers for the selection of the personal protection equipment. Personal protection equipment should have CE marking proving that they are in compliance with the applicable standards.

Personal Protective Measures
Respiratory Protection
It is recommended to use a P-type-filtered face mask whose class (1, 2 or 3) and actual requirement will be determined according to the result of the risk evaluation (ref. EN 149 Standard). Emissions from the production processes including the emissions from the ventilation devices should be checked in terms of compatibility with the environmental protection norms.

Hand Protection
In case a long-term contact with product is foreseen, it is recommended to protect the hands with penetration-resistant industrial gloves (ref. EN 374 Standard). The material of the industrial gloves should be selected according to the usage process and products that may form. Besides, it is reminded that the latex gloves might cause sensitization phenomenon.

Eye Protection
It is recommended to use protective face shield or face shield together with impermeable glasses (ref. EN 166 Standard).

Skin Protection
Wear category-II long-sleeved industrial clothes for professional use and safety shoes (ref. 89/686/EEC Directive and EN ISO 20344 Standard). Bath with water and soap after removing the protective clothes

SECTION 9: Physical and Chemical Properties

Form:	Board
Type:	GM-FR / GM-FH1R
Color:	White
Odor:	Odorless
pH:	Not applicable
Melting Point:	Not applicable
Boiling Point:	Not applicable
Flash Point:	Not applicable
Evaporation Rate:	Not applicable
Flammability:	Non-flammable
Flammability Limits:	Not applicable
Vapor Pressure:	Not applicable
Density:	Not applicable
Water Solubility:	Non-soluble
Bio-Concentration Factor:	Not applicable
Flammability Temperature:	Not applicable
Degradation Temperature:	No data
Viscosity:	Not applicable
Explosiveness:	Non-explosive

9.2. Other İnformation

Reaction to Fire

A1

SECTION 10: Stability and Reaction

10.1. Reaction

There is not any specific reaction risk with other substances under normal usage conditions.

10.2. Chemical Stability

The product is stable under normal usage and storage conditions. It is stable as long as the handling and storage rules specified in the Chapter 7 are complied with

10.3. Hazardous Reaction Possibility

No hazardous reaction is expected under normal usage and storage conditions.

10.4. Situations to be Avoided

Avoid from dust occurrence.

10.5. Substances to be Avoided

There is not any specific limitation regarding the substances to be avoided.

10.6. Hazardous Degradation Products

Unknown.

SECTION 11: Toxicological Information

Acute Toxicity:	There is no classification criteria according to the existing information.
Irritation:	There is no classification criteria according to the existing information.
Abrasive:	There is no classification criteria according to the existing information.
Sensitizer:	There is no classification criteria according to the existing information.
Repeated Dose Toxicity:	There is no classification criteria according to the existing information.
Carcinogenicity:	There is no classification criteria according to the existing information.
Mutagenicity:	There is no classification criteria according to the existing information.
Reproductive System Toxicity:	There is no classification criteria according to the existing information.

SECTION 12: Ecological Information

Apply proper working practices before throwing the product away. If the product has reached to waterways/sewages or contaminated the plants, notify the authorized institutions.

12.1. Eco-Toxicity	No existing data
12.2. Permanence and Degradability	No existing data
12.3. Bio-Accumulation Potential	No existing data
12.4. Movement in Soil	No existing data
12.5. Results of PBT and vPvB Evaluation	No existing data
12.6. Other Adverse Effects	No existing data

SECTION 13: Disposal Information

13.1. Waste Processing Methods

Control and disposal of the waste is the liability of the user. Disposal should be realized by a company authorized in waste management in compliance with the national and possible local regulations.
Do not throw the product into sewage and waterways under any circumstances.

Contaminated Packages

Contaminated packages should be sent to be recycled or disposed in compliance with the national laws regarding waste management.

SECTION 14: Transportation Information

The product is not classified as dangerous under the transportation regulations (ADR/RID, ADNR, IMDG, ICAO/IATA).

14.1. UN Number	Not relevant
14.2. Appropriate UN Transportation Name	Not relevant
14.3. Transportation Danger Class(es)	Not relevant
14.4. Packaging Group	Not relevant
14.5. Environmental Damages	Not relevant
14.6. User-Exclusive Measures	Not relevant
14.7. Mass Transportation According to MARPOL 73/78 Annex II and IBC Code	Not relevant

SECTION 15: Regulation Information

15.1. Safety, Health and Environmental Regulation Specific to Substance/Mixture

This safety data sheet has been drawn according to the requirements of "Regulation on Safety Data Sheets Regarding Dangerous Substances and Mixtures" (13.12.2014-29204) and by an expert certified in accordance with the regulation.

The Regulation on Classification, Labeling and Packaging of Substances and Mixtures dated 11.12.2013 has been taken into consideration for the classification.

SECTION 16: Other Information

16.1. Source Information

This safety data sheet has been drawn and approved according to the requirements of "Regulation on Safety Data Sheets Regarding Dangerous Substances and Mixtures" (13.12.2014-29204) and by an expert certified in accordance with the regulation.

16.2. Abbreviations

ADR	European Agreement Concerning the International Carriage of Dangerous Goods by Road
CAS Number	Chemical Abstracts Service Registry Number
CE Number	Identifier in ESIS (European Archive of Existing Substances)
CLP	Classification, Labeling and Packaging of Substances and Mixtures (EU)
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
mg/m³	Quantity of the material in milligram which is present in 1 m³ air at 20°C temperature and under 101,3 kPa (1 atm)
RID	European Agreement Concerning the International Carriage of Dangerous Goods by Rail
STEL	Short-Term (15-minute) Exposure Limit
TWA	Time Weighted Average - An average value of exposure over the course of 8 hours

Information specified in this safety data sheet has been drawn based on the scientific and technical information on the date of last revision. Users should confirm the full compatibility of the information according to the special usage areas. This document should not be considered as a guarantee for any product characteristics. The usage of this product is out of our control; therefore, users should comply with the applicable regulation, health and safety rules within their own liabilities. The manufacturer shall not be liable for any responsibility that may arise from faulty usage. The related personnel should undergo training for the usage of chemical products. Reach Number 01-2119444918-26-XXXX .

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