

# MATERIAL SAFETY DATA SHEET

## FACADE BOARDS

Effective Date: 22.02.2017  
Revision Number: 03  
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### 1. Introduction of Substance / Preparation and Company / Business Owner

#### Commercial Name of the Product

BoardeX, BoardeX roof exterior sheathing board

#### Producer

Dalsan Alçı Sanayi ve Ticaret A.Ş.  
Kızılcaşar Mahallesi, 1184. Cadde, No:22/1  
06830 İncek, Gölbaşı, Ankara Türkiye  
T: (90) 312 303 49 00  
F: (90) 312 341 25 69  
www.dalsan.com.tr  
E-mail: dalsan@dalsan.com.tr

#### Place of Production

Dalsan Alçı Sanayi ve Ticaret A.Ş.  
Kaleboğazı Tesisleri  
Ankara Bala Kırşehir Yolu, 35. Km.,  
Oğulbey Köyü Cıvarı, 06830,  
Gölbaşı, Ankara TURKEY  
T: (90) 312 497 51 00  
F: (90) 312 615 50 91  
E-mail: kalebogazi@dalsan.com.tr

#### Place of Production II

Dalsan Alçı Sanayi ve Ticaret A.Ş.  
Gebze Facilities  
GGOSB, İnönü Mah. Ziya Gökalp Cad. No: 4  
Gebze, Kocaeli TÜRKİYE

### 2. Information on Composition / Content

The two surfaces of the calcium sulphate dihydrate are covered with a special glass fiber mattress and a small amount of additives such as starch, foam agent, fluidizer, mold, and antifungal agents are added.

The natural material plaster may contain those.

Material	Formula	Quantity
Calcium sulphate dihydrate	CaSO <sub>4</sub> .2H <sub>2</sub> O	> 60%
Calcium Carbonate	CaCO <sub>3</sub>	<10%
Silicon dioxide	SiO <sub>2</sub>	<0.1%

### 3. Hazards Identification



Continuous contact, shaving and / or sanding may result in temporary irritation of the skin, upper respiratory tract, and eyes.

### 4. First Aid Measures

#### Inhaling

Take the person breathing to fresh air and seek medical advice if the sickness continues.

### 4. First Aid Measures (Continued)

#### Skin Contact

Wash the contact area with plenty of water and soap. Do not scratch as scratching will cause the fibers to go deeper. Seek medical advice if the discomfort continues.

#### Eye Contact

Remove contact lenses if present and wash with plenty of water. Seek medical advice if the discomfort continues.

#### Swallowing

It may cause clogging and irritation. Do not eat anything and seek medical advice.

### 5. Fire-Fighting Measures

BoardeX and BoardeX roof are A1 class (non-burning) materials. For this reason, they do not require a special method or extinguisher for fire-fighting.

### 6. Accidental Release Measures

#### Personal Measures

Must be collected using the personal protection equipment specified in point 8.

#### Environmental Measures

Do not mix with sewage, the sewer, water channels and water ways.

#### Controlling Methods

It is advisable to deposit in a suitable container in large cases. Disposal should be avoided in to the sewer or water channels. The personal protective equipment specified in point 8 must be used.

#### Cleaning Methods

It must be collected in disposal areas with a bucket. Wet cleaning methods can be used if it is convenient to minimize the dust.

### 7. Handling and Storage

When carried by hand, glass fiber blanket boards must be transported by using protective equipment to prevent skin contact. During transportation, it is advisable to move it with one person at both ends keeping the long sides parallel to the floor and the short sides perpendicular to the floor. Do not use work clothes again without washing after transportation.

Use forklifts in handling glass fiber blanket boards delivered on pallets or in packages. Ensure that the handling capacity of the forklift is adequate and the forklift operator is licensed and experienced.

Glass fiber blanket boards should be stored in a dry and non-humid environment on a flat surface so that they do not come into direct contact with the ground. It is advised to place a block at 50 cm between each pallet in order to prevent tipping when the palletized glass fiber blanket boards are to be stacked on top of each other.

### DALSAN ALÇI SANAYİ VE TİCARET A.Ş.

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### 7. Handling and Storage (Continued)

As they are not designed to carry body weight, glass fiber blanket boards are not suitable for use as a platform or on the ground. It is necessary for practitioners to pay attention to this issue and work with independent support mechanisms.

### 8. Exposure Controls / Personal Protection

#### Occupational Exposure Limits

Threshold Limit Value (TLV) in Time Weighted Average (TWA) 10 mg/m<sup>3</sup> (ACGIH 2004) as long as the total dust does not contain asbestos and contains <1% of crystalline silica.

Maximum Permitted Concentration (MAK)  
(Fiberless aerosol breathing ratio) 6 mg/m<sup>3</sup> (DFG 2004).

#### Personal Protection

##### Inhaling

Ensure that the ventilation is adequate at the work site. Wear the appropriate FFP2S dust mask in line with TS EN 149 if ventilation is not possible.

##### Eyes

Wear Class 2A5 goggles in line with EN 166 to prevent possible contact.

##### Skin

Wear full work clothes with the right measurements to prevent repeating skin contact.

##### Hands

Protective gloves may prevent irritating effects. It may also be helpful to use protective hand creams.

### 9. Physical and Chemical Properties

#### Appearance

BoardeX and BoardeX roof Glass Fiber Blanket Boards can be of various width, length and thickness, thinned edge or blunt edge, and both sides may be covered with special glass fiber mattress. The coating color is orange and may change according to the BoardeX feature. For detailed information on dimensions and weights, please consult Dalsan's up-to-date technical documentation (see [www.dalsan.com](http://www.dalsan.com) or Tel: 0 312 303 49 00).

### 10. Stability and Reactivity

It is stable and does not react with the building materials used together.

### 11. Toxicological Information

There is no known toxicological effect.

### 12. Ecological Information

Stable products do not have a known side effect.

### 13. Disposal Information

The disposal of waste is the responsibility of the user. The user should follow and abide by the current legislation.  
<http://www.cevresehicilik.gov.tr/yasa>.

### 14. Transportation Information

Not in the "Hazardous Material" class in transportation (see ADR Legislation, Annex A/Section 3).

### 15. Legislation Information

For occupational exposure limits, see <http://www.ilo.org/public/english/protection/safework/cis/products/icsc/dtasht/index.htm>

For product standards, see: TS EN 15283-1+A1 Gypsum Plates Reinforced with Fiber

### 16. Other Information

This Material Safety Data Sheet had been prepared with the current knowledge and experience of Dalsan. This document contains the health and safety considerations during handling, storage, and use of BoardeX and BoardeX Roof Glass Fiber Blanket Boards manufactured by Dalsan and the precautions that can be taken against such risks; it does not substitute for product specifications and warranties.

This document contains the minimum information for health and safety. It does not contain all the health and safety precautions that need to be taken since it is not possible to forecast all the occupational safety risks that the user can face during operation. In short, this does not replace the risk assessment that needs to be performed at the work site by the user and/or cannot be used alone for the risk assessment.

BoardeX and BoardeX Roof Glass Fiber Blanket Boards are designed to be used within the framework of the purposes defined in Dalsan's technical documentation. Refer to our Technical Service or [www.dalsan.com.tr](http://www.dalsan.com.tr) for more information or up-to-date technical documents about our products. Following the changes and updated documents is the responsibility of the users.