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## MSDS SAFETY DATA SHEET

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### SECTION 1.MANUFACTURER AND PRODUCT INFORMATION

Trade Name of the Product : ALBOND  
Product's Name : Aluminium Composite Material  
Manufacturer's Name : Sistem Metal Yapı Reklam Malzemeleri ve İnşaat Sanayi  
Ticaret A.Ş.  
Address : Hatip Mahallesi Ali Osman Çelebi Bulvarı No:140  
Çorlu/Tekirdağ-Turkey  
Phone : +90.282.661 10 10  
Fax : +90.282.661 10 11  
Emergency Phone No : +90.282.661 10 10  
MSDS No : SM-001  
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### SECTION 2.MATERIAL CONTENT INFORMATION

#### Components :

#### *Aluminium Fire Retardant Composite Panel*

1. Aluminium : % 30-45
2. Mineral Filler(Al Tri Hydroxide) : % 42-50

#### *Aluminium Composite Panel*

1. Aluminium : % 28-62
2. Polyethylene : % 38-70

#### Components' CAS No:

Aluminium : CAS No: 7429-90-5  
Polyethylene : CAS No:9002-88-4  
Aluminium Tri-Hydroxide : CAS No:21645-51-2

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### SECTION 3.HAZARDS IDENTIFICATION

The product is not classified as risky. Fine burr particles may cause irritation in case of contact with eyes or skin

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## SECTION 4.FIRST AID MEASURES

**In Case of Contact with Skin:** If the molten polymer contacts with skin, rinse immediately with cold water. Do not remove the polymer intensively stuck to skin, immediately consult the physician. In case of burr contacts with skin during processing, wash the skin surface with soap and water. In case of irritation, consult to a physician

**In Case of Contact with the Eyes:** No adverse situation which may affect eyes is detected during the production process. For the possibility that burr, small particles may enter into your eyes, keep your eyes open under flowing water for 15 minutes. In case of no change, consult to an ophthalmologist

**In case of digestion:** In case of digestion of dust, burr, granule, particle during production process or processing, consult to a physician

**In case of inhalation:** In case of inhalation, digestion of the excessive dust, burr, granule, particle which occur during production process or processing, consult to a physician

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## SECTION 5.FIRE FIGHTING MEASURES

**Preventing the Flames of a Fire:** If the product is near you, cover with fireproof plate or fireproof blanket or pour sand. Avoid the spread of fire on the product.

**Fire Extinguishing:** If the product is fired with flame, apply pressure water in consideration of the wind direction. If the flames are dense, then inform the fire fighters of the necessary units immediately.

**Fire Extinguishing Media:** Water, Carbon dioxide, Extinguishing Powder, Sand

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## SECTION 6.ACCIDENTAL RELEASE MEASURES

Not applicable. The product has no accidental release characteristics. The product is a solid material.

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## SECTION 7.USE AND STORAGE INFORMATION

Use gloves for hand protection. Store the products in a dry, storehouse. Stack the pallets horizontally. Keep the products away from flammable substances such as strong acidic chemicals, alkalis and solvents

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## SECTION 8.EXPOSURE/PERSONAL PROTECTION MEASURES

Not normally necessary. However necessary precautions must be taken against the fine particles for high amounts of dust and during the processing



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**Protective Gloves:** Not required. However protective gloves must be worn during cutting operations, processing and handling operations. The firmness of the gloves must be checked before use. Necessary information with regards to the endurance times of the gloves must be obtained from the manufacturer

**Protective Glasses:** Not necessary. However protective glasses must be used during processing.

**Respiratory Protection :**Not necessary

**Clothes Protection :** Not necessary. The operation can be performed with work clothes

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## SECTION 9.PHYSICAL AND CHEMICAL CHARACTERISTICS

**Appearance:** Solid. Plate board with 2-6 mm. thickness .Front surface (25-50  $\mu$ )dye coating.

**Melting Temperature :**Polyethylene approximately (110°C-130°C)Aluminium approximately (650°C)

**Specific gravity :** Polyethylene (0.92 g/cm<sup>3</sup>-0.93g/cm<sup>3</sup>) Aluminium (2.7 g/cm<sup>3</sup>)

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## SECTION 10. STABILITY AND REACTIVITY

**Stability :**Stable

**Flash Point :** About 330 °C (polyethylene)

**Kindling point:** >400°C (polyethylene)

**Reactivity with water:** None

**Reactivity with oxygen :** None

**Explosion Danger:** None

**Other Reaction:** None

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## SECTION11.TOXICOLOGY DATA

No information exists in relation to cause toxic material.

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## **SECTION 12.ECOLOGICAL INFORMATION**

No information exists in relation to cause eco-toxic material. No eco-toxicity data has been found on the product and its components

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## **SECTION 13.DISPOSAL INFORMATION**

Arranged in conformity with the legal regulations. Assigned to the companies having recycling certificate

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## **SECTION 14.TRANSPORTATION**

The product is dispatched as placed onto a wooden pallet. Avoid the product to get wet during transportation

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## **SECTION 15.REGULATORY INFORMATION**

No conforming regulatory information is available.

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## **SECTION 16.OTHER INFORMATION**

The information contained herein this safety data sheet are based on our current knowledge and European Union laws with national laws of the Republic of Turkey in force as of today. The security measures required by the product are defined in this safety data sheet. This document shall not be construed as a document guaranteeing the product specifications

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