

# SAFEBOARD™

**HONEYCOMB CORE ALUMINUM PANELS**

## **Section 1: Identification of Company and Material**

Company:

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Product type: Sandwich panel consisting of a core made of aluminium honeycomb and decorative skins made of aluminium sheets (ALU).

Commercial name: Aluminum Honeycomb Panel

## **Section 2: Composition / Information Components**

Components: Control Limit, Honeycomb core (Aluminum). To be considered as a non respirable dust. Control limits according to local regulations.

Adhesive (Bi-Component Polyurethane). The construction of the panel brings to a complete stable material compatible with common "no hazardous" material.

## **Section 3: Hazards Identification**

Emergency overview:

This product is stable and not flammable under normal industrial conditions. Contact with dusts of this panel gives no problem in normal conditions. The primary route of entry into the body is inhalation of dusts. However, due to favorable dimensions of material and dust itself, these are not respirable, nor can they become respirable by any normal industrial processing.

Primary route of Entry: Inhalation of dusts.

Health hazards: Exposure to dusts sometimes causes irritation of the skin and less frequently, irritation of the eyes, nose or throat.

## **Section 4: First Aid Measure**

Dusts Eye Contact: Flush eyes with clear water for at least 15 minutes - seek medical attention

Skin Contact: Rinse contact areas with cool water then wash gently with soap to remove dusts from skin.

Inhalation of dusts: If irritation persists, seek medical attention.

## **Section 5: Fire-fighting Measures**

Flash-Point: Non-burning.

Flammable limits: Do not expose panels to temperature higher than 150°.

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### **Section 6: Accidental Release**

No special precautions needed.

### **Section 7: Handling Storage**

Handling:

Precautions to be taken in handling: Non relative to health and safety.

Storage:

Precautions to be taken in Storage: For optimum performance store at a room temperature in flat position and protect the surface from dust and humidity.

Section 8: Exposure Controls / Personal Protections

Respiratory protection:

None normally required. If air-born dusts concentrations exceed the control limit, respiratory protection for nuisance dusts should be provided.

Ventilation:

Use local exhaust ventilation if necessary to maintain air-born levels to below established limit.

Skin protection:

Protective gloves may reduce skin irritation in some operations.

Eye protection:

Safety glasses with side shields may reduce risk of eye irritation during the machinery of panels.

### **Section 9: Physical and Chemical Properties**

Appearance: Core: aluminum solid; Surface: according to skin (aluminum)

pH: Not applicable.

Melting Point: Not applicable.

Flash Point: Non-burning.

Odor: None.

Flammability: Not applicable

### **Section 10: Stability and Reactivity**

Stability: Stable

Conditions to avoid: None known.

Incompatibility: None known.

Hazardous Decomposition products: In a sustained fire may decompose. Listed as non combustible material.



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**Section 11: Toxicological Information**

This product is not classified as "dangerous".  
Immediate Health Hazards: Exposure to dusts causes very less frequently, irritation of the eyes, nose or throat.

**Section 12: Ecological Information**

Because aluminum honeycomb and aluminum sheets are generally considered to be inert solid wastes, no special precautions should be taken in case it is released.

**Section 13: Disposal Considerations**

Aluminum honeycomb and aluminum sheets are generally considered to be inert solid wastes not requiring hazardous waste disposal procedures. State, local and/or national regulations should be consulted to ensure proper disposal procedures for your location.

**Section 14: Transport Information**

No special precautions or restrictions involving transport are known to Safeboard LLC.

**Section 15: Regulatory Information**

Safeboard aluminum panel carries no CAS registry number and no EPA code designation number.

**Section 16: Other Information**

All data are indicated according to our present knowledge. When using our materials, the customers should be sure to have received all the necessary information regarding handling and machinery of the panels. Safeboard LLC doesn't accept responsibility for any improper use of panels.

Honeycomb Core Type		ALU Ø9.0 - 54kg/m <sup>3</sup> - 3003				
Total thickness mm		10	12	15	20	25
Skin thickness mm	Top	1.0	1.0	1.0	1.0	1.0
	Bottom	1.0	1.0	1.0	1.0	1.0
Core thickness mm		8	10	13	18	23
Weight kg/m <sup>2</sup>		6.7	6.8	6.9	7.2	7.5
Temperature Resistance		Approximately -40°C to +80°				
Flatness		1.0 mm per meter				
Skin alloy		AL 1100 / AL 3003				