

Material Safety Data Sheet (MSDS)

Product Name: Aluminum Composite Panel
Report No.: RT202401016001
Receipt Date: 2024-01-16
Preparation Date: 2024-01-18
Regulations Basis: Prepared in accordance with the sixth revised edition of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SECTION 1. Substance/Preparation and Company Identification

Product Identifier	Aluminum Composite Panel
Model	ACPLDPE
Recommended Use	Building facades, signage, interior decoration
Application Company Name	SkyRainbow Industry LTD
Company Address	18 Huanxi road, Huashi, Jiangyin, Jiangsu, China
Email	Info@sky-rainbow.com

SECTION 2. Hazard Identification

Hazard Classification (GHS): Not classified as a hazardous material

Pictogram: Not applicable

Signal Word: Not applicable

Hazard Description: May cause eye irritation upon contact

Precautionary Statement: P280: Wear protective gloves/protective clothing/eye protection/face protection

SECTION 3. Composition/Information on Ingredients

Substance Name	Concentration (%)	CAS Number
Low-Density Polyethylene (LDPE)	71.87	9002-88-4
Aluminum Sheet	25.74	7429-90-5
Adhesive Film	1.27	/
Coating	1.11	/

SECTION 4. First Aid Measures

Contact Type: First Aid Measures

Eye Contact: Rinse eyes thoroughly with plenty of water; seek medical attention if injury occurs

Skin Contact: Wash skin with water; seek medical attention if irritation persists

Inhalation: No volatile substances; move to fresh air if feeling unwell

Ingestion: Rinse mouth with water; do not induce vomiting; seek medical attention immediately

SECTION 5. Fire-Fighting Measures

Fire Hazard Characteristics: Non-flammable, not classified as a fire hazard

Extinguishing Media: Dry powder, foam, CO₂, water mist

Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective equipment; avoid fire source; prevent fire extinguishing water from contaminating the environment

Hazardous Combustion Products: None

SECTION 6. Accidental Release Measures

Personal Protection Measures: Avoid eye contact, ensure ventilation

Environmental Precautions: Environmentally safe, do not discard without permission

Cleanup Methods: Remove physically; for disposal, refer to SECTION 13

SECTION 7. Handling and Storage

Handling Precautions: Keep away from fire and heat, avoid direct sunlight, ensure ventilation

Storage Requirements: Store in a cool, dry, well-ventilated area, away from incompatible materials

SECTION 8. Exposure Controls/Personal Protection

Occupational Exposure Limits: None

Engineering Controls: Ensure adequate ventilation

Respiratory Protection: Wear dust mask

Eye Protection: Wear safety goggles when working

Hand Protection: Wear gloves certified to EN 374

Hygiene Measures: No smoking, eating, or drinking in the workplace; wash hands after handling

SECTION 9. Physical and Chemical Properties

Appearance and Color: White sheet material

Odor: Odorless

pH: No data available

Flammability: Non-flammable

Density (g/cm³): No data available

Solubility: Insoluble in water

SECTION 10. Stability and Reactivity

Stability: Stable under recommended storage and handling conditions

Materials to Avoid: Strong oxidizers, acids, and bases

Conditions to Avoid: High temperatures

Hazardous Decomposition Products: None

SECTION 11. Toxicological Information

Acute Toxicity: No information available

Skin Corrosion/Irritation: No information available

Serious Eye Damage/Irritation: May cause eye irritation

Respiratory or Skin Sensitization: No information available
Reproductive Toxicity: No information available

SECTION 12. Ecological Information

Ecotoxicity: Contains no special materials; disposal must follow environmental regulations to avoid contamination
Persistence and Degradability: No data available
Bioaccumulative Potential: No data available

SECTION 13. Disposal Considerations

Waste Disposal Methods: Dispose of in accordance with local regulations
Uncleaned Packaging Disposal: Dispose of in accordance with official regulations

SECTION 14. Transport Information

UN Number: Not classified
Class: Not classified
Packing Group: Not classified
Technical Name: Not classified
Label: Not classified (Prohibition with antioxidant and food chemical mixed stowage; transit should prevent sun exposure, rain, and high temperature)
Attention Notes: Handle with care to avoid collision, dragging,

and dumping. Not classified as hazardous/dangerous material under IATA, IMDG, DOT regulations

SECTION 15. Regulatory Information

Hazardous Chemicals Catalog
International Maritime Dangerous Goods Code
Dangerous Goods Number Of United Nations
Technical Instructions for the Safe Transport of Dangerous Goods by Air
Classification and Code of Dangerous Goods
Occupational Safety and Health Act (OSHA)
The Principle of Classification of Transport Packaging Groups of Dangerous Goods
Globally Harmonized System of Classification and Labelling of Chemicals
Compliant with all local laws

SECTION 16. Other Information

Disclaimer: This Safety Data Sheet is based on information believed to be reliable; however, no guarantee is made as to its accuracy. The user assumes all responsibility for the safe handling, use, and disposal of this product. This SDS applies only to the product identified herein and is valid only if the product is used in accordance with applicable local regulations.