

Manufacturers Name: Maxgrow Pte Ltd
Address: 1, North Bridge Rd #14-05
High Street Centre. Singapore 179094
Product Name: AluSplash Aluminium Composite Panels

Emergency/Telephone No: +65-63382577

MSDS No: AMD/MX/15

Hazard Rating:

Health	1
Fire	0
Reactivity	0

EMERGENCY WARNING

During fabrication, machining or grinding operations there is possibility of fine dust or metal particles to be produced. Heating, melting, welding or brazing may produce metal fumes and particulates. Inhalation of excessive fumes or dust concentrations may result in respiratory tract irritation and or metal fume fever

1. COMPOSITION/ INGREDIENTS

Aluminium: CAS No: 7429-90-5

Re-Cycled Polyethylene: CAS No: 9002-88-4

Virgin (FR Core): CAS No: 21645-51-2

Fluorocarbon Coating: CAS No: 98728-78-0 & 88795-12-4

*The Product does not contain any asbestos

2. HAZARDOUS IDENTIFICATION

The product is not applicable to hazardous classification

3. FIRST AID MEASURES

Eye Contact: When eyes burn or hurt due to contact with dust particles and/or metal debris during mechanical processing of the product, gently lift eyelids and rinse affected eyes with large amounts clean running water. DO NOT allow victim to rub his/her eyes or to keep their eyes tightly shut. Remove contact lenses if any is worn. If irritation persists, please see a physician immediately.

Skin Contact: In case of any burns due to contact with heated products during welding or other fabrication processes, flush out affected area with large amounts of water. Quickly remove contaminated clothing. Immediately seek medical attention for any burns or reddened skin.

Inhalation: Protect yourself with proper Personal Protective Equipment (PPE). If victim has inhaled a large quantity of dust particles during the mechanical processing, evacuate the victim to fresh air immediately. Decontaminate and begin rescue breathing, if breathing has stopped, conduct CPR and immediately call emergency hotline in respective country and seek prompt medical attention.

Ingestion: When having ingested dust/powder particles during mechanical processing, immediately seek medical attention. Never give anything by mouth to an unconscious or convulsing victim. Contact Poison Control Centre (PPC)

4. FIRE FIGHTING MEASURES

Prevention of Fire Spread: In the event of fire near locations where products are stored or racked, cover the products with incombustible sheets or dry sand, to prevent the spread of fire to the products.

Fire Extinguishing: If the product is ignited, it is very important to immediately wear air breathing apparatus before fire fighting. It would be effective to initially dash large amounts of water on burning products. Carbon Monoxide, dried chemical powder or foam fire extinguishers can also be used. Immediately call Fire Fighting Department

Extinguishing Media: Water Spray, Dry Chemical Powder, Foam, Carbon Dioxide or Halon type extinguishers.

5. ACCIDENTAL RELEASE MEASURES

Containment Method: No Special Requirements.

Reporting Requirements: N/A

6. HANDLING & STORAGE

Handling Precautions: Wear Gloves to protect hands from scratches and cuts from panel edges

Storage Requirements: Store the products horizontally so that the products can be stacked or piled up without deflection. Keep in cool & dry place away from rain and other chemicals such as acids, alkali, strong oxidizers, chlorides, organic solvents, sparks or fire.

7. EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation: Ensure the premises where the products are stored or being fabricated is sufficiently ventilated.

Protective Clothing & Equipment: Wear chemically protective gloves, boots, and aprons to prevent or prolonged or repeated skin contact. Appropriate eye protection must be worn during mechanical processing.

Safety Stations: It is recommended that emergency eye wash station, safety/quick drench showers, first-aid kits are available near working area.

Personal Hygiene: It is highly recommended that hands are washed after working or handling the products

8. PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	Approx 2500°C for Aluminium
Melting Temperature	Approx 645°C for Aluminium
Specific Gravity	2.7g/cm ³ for Aluminium / 0.89 to 1.54g/cm ³ for PE core
Appearance	Solid aluminium, Polyethylene Composite Material
Odor	Unknown
Solubility	Insoluble in Water
Vapor Density (Air =1)	Heavier than Air

9. STABILITY & REACTIVITY

Stability Stable under conditions for Normal Use

Polymerization	NA
Hazardous Decomposition Products	NA
Chemical Incompatibilities	NA
Conditions to Avoid	NA
Other Comments	NA
Susceptibility to Oxidization	NA
Reactivity with water	NA
Self Reactivity	NA
Danger of Explosion of Particle	NA
Other Reactivity	NA

10. TOXICOLOGY INFORMATION

The product does not contain any toxic ingredients and hence does not pose any toxic risks.

11. ECOLOGICAL INFORMATION

The product does not pose any ecological threats. It is non toxic and 100% of the product can be re-cycled at the end of its product life

12. DISPOSAL CONSIDERATIONS

It is recommended that the product be sent to re-cycling facilities, where the Aluminium Skin and Polyethylene Core can be stripped apart and sent for re-cycling. Proper waste disposal is recommended in accordance to Federal, State or Local regulations.

13. TRANSPORT INFORMATION

The product is packed in wooden crates for shipment. Prevent pallets from getting wet.

14. REGULATIONS

There no applicable regulations

15. DISCLAIMER

The information presented above in this Material Safety Data Sheet (MSDS) is based on data believed to be accurate as of the date of this MSDS being prepared. The information above is provided on the condition that parties receiving the product make their own determination as to the suitability of the product for their particular purpose and assume the risk of the use of the product. NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. Maxgrow Pte Ltd accepts no responsibility or liability for any damage or injury resulting from abnormal use or from any failure to adhere to recommended procedures.