	MATERIAL SAFETY DATA SHEET Conforms to (EG) Nr. 1907/2006	Version: 3
		Revision Date: 12/06/2023
		Issue Date: 12/06/2023

SECTION 01: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Material name	RedBOND Aluminium Composite Panel.
Material use	Aluminium composite panel for digital printing and corporate image, including: digital printing, advertising totems, shop signs and 3D signage. For uses other than those described, please consult manufacturer.
Manufacturer information	RedBOND Composites, SL. Avenida de Elche, 164 03008 – Alicante (SPAIN) CIF: B86206620 Phone: +34 965 108 169 / e-mail: info@redbondcomposites.com

SECTION 02: HAZARDS IDENTIFICATION

Classification	The product is not classified as hazardous according to CLP Regulation EC No 1272/2008 on classification, labelling and packaging of substances and mixtures.
Other risks to people and the environment	For the intended use of the material, in the form in which it is supplied, there is no health or environment danger.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

Composition comments	The product is a panel composed by coated aluminium composite with a polyethylene core. The panel is supplied in a variety of colors and panel thicknesses.
Compounds	Aluminium _____ < 37 % Polyethylene _____ < 69% Paint _____ < 1 %

SECTION 04: FIRST AID MEASURES

General information	The product is odourless, stable and non-combustible in the form in which it is supplied, and does not represent any immediate health hazard. However, respiratory, hand and eye protection may be necessary to avoid hazards from exposure to solid particles generated by machining or friction processes such as cutting, abrasion (grinding, abrading, eroding, sanding), drilling, or other processes that chemically or physically alter or modify the surface or condition of the material in the form in which it is supplied.
Eye contact	Rinse eyes with plenty of water or saline solution for at least 15 minutes, if dust generated during machining or friction operations comes into contact. Consult a doctor.
Skin contact	Wash with soap and water for at least 15 minutes the damaged area. Get medical attention if irritation develops or persist.

Inhalation	In case of inhalation of dust generated in processes described above, check airways, breathing and presence of pulse. Consult a doctor if breathing difficulties persist.
-------------------	---

SECTION 05: FIRE FIGHTING MEASURES

General information	The product does not present a fire or explosion hazard in the form in which it is supplied. Chips or dust which may be formed in the product by machining or friction processes such as cutting, abrasion (polishing, grinding, eroding, sanding), drilling, or other processes which chemically or physically alter or modify the surface or condition of the material in the form in which it is supplied, may be readily flammable.
Fire / Explosions hazard	The product does not present a fire or explosion hazard in the form in which it is supplied.
Extinguishing media	Use fire extinguishing materials appropriate for surrounding fire including water spray (for cooling), dry extinguishing media, carbon dioxide, foam.
Special fire-fighting procedures	Eye protection should be worn for large fires. Firefighters should wear self-contained breathing apparatus and full protective clothing. Isolate materials not yet in contact with fire and protect personnel.

SECTION 06: MEASURES IN CASE OF ACCIDENTAL SPILLAGE

Personal precautions	The finished product, in the form in which it is supplied, does not generate spills or spillages. Avoid contact with sharp edges. Use protective gloves for handling.
Environmental precautions	No special environmental precautions are required.
Spill or leak procedure	No spills or leaks in the finished product. Collect scrap metal for recycling.

SECTION 07: HANDLING AND STORAGE

Handling precautions	All employees, end-users or general personnel handling this material must be trained to do so safely. Wear appropriate personal protective equipment during handling: safety footwear and protective gloves, as well as eye and respiratory protection when performing machining or friction operations such as cutting, abrasion (grinding, abrading, eroding, sanding), drilling, or other operations that chemically or physically alter or modify the surface or condition of the material in the form in which it is supplied. Protect against physical damage. Use good hygienic practices. Avoid dust generation. Avoid contact with sharp edges, or hot metal.
Storage requirements	Store the panels in a cool, dry place, away from sources of intense heat (min. 15°C -. max. 50°C). Avoid direct exposure to sunlight. Store the panels protected against humidity and away from incompatible chemicals.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Limited and controlled exposure

Not applicable.

Personal protective equipment

Respiratory protection: Not required for the finished product in the form in which it is supplied. Respiratory protection may be required if particulates are generated during machining or friction operations such as cutting, abrasion (grinding, abrading, sanding, grinding), drilling, or other operations that chemically or physically alter or modify the surface or condition of the material in the form in which it is supplied. Wear approved respiratory protective equipment as directed by an industrial hygienist or other qualified professional.

Eye protection: not required for the finished product in the form in which it is supplied. Eye protection equipment, such as goggles, shall be used during machining or friction operations such as cutting, abrasion (grinding, abrading, eroding, sanding), drilling, or other operations that chemically or physically alter or modify the surface or condition of the material in the form in which it is supplied.

Hand protection: wear protective gloves during handling, moving or installation of the material, as well as during machining or friction operations such as cutting, abrasion (grinding, abrading, eroding, sanding), drilling, or other operations that chemically or physically alter or modify the surface or condition of the material in the form in which it is supplied.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Form
Appearance
Odor Threshold
Melting point
Boiling point
Flash point
Auto-ignition temperature
Lower explosion limit
Upper explosion limit
Vapor pressure
Vapor density
ph
Solubility (water)

Solid, panels
 This product is available in various colors
 Odorless
 480 – 660 °C Aluminium; 100 °C Polyethylene
 Not applicable
 Not applicable
 Not applicable
 Not applicable
 Not applicable
 Not applicable
 Not applicable
 Not applicable
 Not applicable
 Not soluble

SECTION 10: STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions of use, storage and transportation.

Conditions to avoid


Temperatures above 90°C. Incompatible chemical materials.

Incompatible materials

This product is incompatible with acids and oxidizing materials.

Decomposition products

This product will emit carbon monoxide, carbon dioxide, smoke and fumes when heated to decomposition.

	MATERIAL SAFETY DATA SHEET Conforms to (EG) Nr. 1907/2006	Version: 3
		Revision Date: 12/06/2023
		Issue Date: 12/06/2023

Hazardous reactions	Will not occur.
Hazardous polymerization	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity data	No toxicity data available for finished panel or individual compounds.
Toxicological Tests	Not applicable.
Further toxicological info	Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

General product info	All RedBOND Composites products are 100% recyclable.
Environmental part	The recycling of the panel must be managed by authorized waste companies.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions	Reuse or recycle material whenever possible. If reuse or recycling is not possible, disposal must be made according to local or governmental regulations.
------------------------------	---

SECTION 14: TRANSPORT INFORMATION

Transportation by road (ADR)	This product is not classified as dangerous good by <i>the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)</i> .
Transportation by railway (RID)	This product is not classified as dangerous good by <i>the regulations concerning the international carriage of dangerous goods by rail (RID)</i> .
Transportation by sea (IMO)	This product is not classified as dangerous good by <i>the International Maritime Organization (IMO)</i> .
Transportation by air (IATA-DGR)	This product is not classified as dangerous good by <i>rules of International Air Transport Association (IATA)</i> .

SECTION 15: REGULATORY INFORMATION

Warning label	H-phrases are not applicable. P-phrases are not applicable.
National regulations	National and local regulations must be respected.

	MATERIAL SAFETY DATA SHEET Conforms to (EG) Nr. 1907/2006	Version: 3
		Revision Date: 12/06/2023
		Issue Date: 12/06/2023

SECTION 16: OTHER INFORMATION	
Other information	<p>Although the information contained in this document is presented in good faith and believed to be correct, it has been provided by our suppliers. Accordingly, RedBOND Composites, S.L. makes no representations or warranties, express or implied, with respect to the information presented herein. The information provided herein is conditional upon the persons receiving it making their own determination as to its suitability for their purposes prior to use and relates only to the specific product described and not to the product in combination with any other product. In no event shall RedBOND Composites, S.L. be liable for damages of any kind arising from the use of or reliance on this information.</p>