



Bencore Composite Panel Safety Sheet

1. Element Identifiers of Substances/Preparation

Commercial Product Name:	Bencore
Company (manufacturer):	Bencore SRL
Chemical denomination:	Polymer-based materials
Use:	Sandwich panels for structural and architectural applications

2. Composition/Information on Ingredients

The product is mainly composed of polymers having a high molecular weight:
Copolymer styrene-Acrylonitrile: around 40%, polimetil-metalcrilate around 60%, other components present in quantities inferior to 1%.

3. Identification of Hazards

The product is not to be held as hazardous.

4. First Aid Measures

Eye contact:	The product can only cause mechanical irritations (abrasions or contact with dust); wash with clean water for 15 minute, if irritation persists please contact a doctor.
Skin contact:	The products are not harmful in case of skin contact, but may cause wounds or excoriations by mechanical contact with the skin. In case of contact with melted material, rinse immediately with plenty of cool water and seek medical advice. Do not try removing the melted material once cooled on the skin.
Inhalation:	Material dust can cause respiratory (breathing) irritations: in that case, move the patient from polluted area and seek medical advice.
Ingestion:	The product is physiologically inert, and therefore no first-aid medical treatment is required.

5. Anti Fire Measures

Proper extinction means:	Water, foam, chemical dust, carbon dioxide.
Hazardous combustion products:	Intense smoke made of steam, carbide mono and bioxide, vapours containing low grade of polymers and derivatives of their sedation.
Firemen protection:	Wear special individual protective equipment with respirator.
Electric discharges:	The product may cause electrostatic charges.

6. Safety Measures in case of Accidental Leakage

Collect if possible re-use. Alternatively recycle or dispose according to local country regulation.



7. Handling & Stocking

Handling:	Refer to industrial standards for health and safety precautions.
Stocking:	Stock the product in a close environment at temperatures between +5°C and +40°C avoiding direct solar heating, rain or snow exposure, presence of inflammable, corrosive agents and/or solvents.

8. Exposure Control/Personal Protection

Engineering controls:	Under normal circumstances it is sufficient a good aeration of the stocking phase; in case of mechanical or warm processing, a continuous supply of fresh air to the workplace together with removal of processing fumes through exhaust system is recommended.
Safety equipment:	Protect with mask in case of mechanical processing.
Respiratory protection:	In case of machine of warm processing, if no sufficient ventilation is assured, use gas or dust protection masks.
Skin protection:	In case of manual handling, wear long pants, long sleeves and gloves to avoid cuts and abrasions caused by cutting edges of the product.
Eye protection:	Wear safety-glasses with side shields or chemical goggles during cutting, drilling and operations on machines.

9. Physical and Chemical Properties

Look:	Panel with macro-cellular core light reflecting.
Smell:	None.
Boiling point:	N/A
Vapour point:	N/A
Vapour density [air=1]:	N/A
Interval of fusion [°C]:	N/A 90 – 130
% Volatiles:	N/A
Water solubility	Insoluble
Decomposition temperature:	>300°C
Point of flammability:	>385°C
Slft-ignition point:	>450°C

10. Stability

The product is stable and inert under normal conditions of handling and stockage.

Conditions to avoid:	High temperatures.
Hazardous decomposition products:	Processing fumes evolved at recommended processing conditions may include hydrocarbon elements.

11. Toxicological Information

With a correct use, according to the indication, the product has no hazardous effects to people's health.

12. Ecological Actions

The product should not cause environment degradation as it is water non soluble and non biodegradable.



Bay Plastics Safety Sheet

13. Considerations on Discharging

Incinerations:	The thermal destruction with gaining of energy is possible by adapt incinerators.
Recycling:	The materials making up the product are recyclable after mixing with verging material.
Waste disposal:	To be avoided whenever recycling or incineration are possible; the material is stable and inert under normal circumstances and it can be discharged in a landfill without destroying its stability and without danger of contamination of water sheet.

14. Transport Information

The product is not dangerous during transportation: no classification.