

BENCORE PANELS

8. ATTACHMENTS

ATTACHMENT 4 : SAFETY DATA SHEETS

1. ELEMENTS IDENTIFICATORS OF SUBSTANCES/ PREPARATION AND OF THE COMPANY/ENTERPRISE

Manufacturer: BENCORE SRL
Chemical denomination: Polymer-based materials
Use: Sandwich panels for structural and architectural applications

2. COMPOSITIONS/INFORMATION ON INGREDIENTS

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

3. IDENTIFICATION OF HAZARDS

The products 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 minutes, if irritation persists please contact a doctors.

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 remove 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 there fore no first-aid medical treatment is required.

5. ANTI FIRE MEASURES

PROPER EXTINCTION MEANS

water, foarn, 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 a special individual protective equipment with respirator.

ELECTRIC DISCHARGES

The product may cause electrostatic discharges.



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6. SAFETY MEASURES IN CASE OF ACCIDENTAL LEAKAGE

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

7. HANDLING AND STOCKING

HANDLING

Refer to industrial standards for safety and health 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 or 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.

EYES PROTECTION

Wear safety-glasses with side shields or chemical goggles during cutting, drilling and operations on machineries.

9. PHYSICAL AND CHEMICAL PROPERTIES

Look	Panel with macro-cellular core light reflecting
Smell	None
Boiling Point	N/A
Vapour pressure	N/A
Vapour density (Air =1)	N/A
Interval of fusion [°C]	N/A 90-130
% volatiles	N/A
Water solubility	Insoluble
Decomposition temperature [°C]	> 300
Point of flammability [°C]	> 385
Self-ignition point [°C]	> 450

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10. STABILITY

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

CONDITIONS TO AVOID	High temperatures (see section dedicated to physical and chemical properties)
HAZARDOUS DECOMPOSITION PRODUCTS	Processing furnes evolved at recommended processing conditions may include hydrocarbon elements.

11. TOXICOLOGICAL INFORMATION

With a correct use, according to the indications contained in the present card, the product has no hazardous effects on people's health.

12. ECOLOGICAL ACTIONS

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

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 INFORMATIONS

The product is not dangerous during transportation: no classification

15. INFORMATION ON THE REGULATIONS

Exemple of the obligation of tagging according to EEC directions

16. OTHER INFORMATION

NA