

Marmox Thermoblock

EC Safety Data Sheet

Date of printing 28.05.2012

1) Identification of the product / preparation of the company:

- **Identification of the product**

- **Trade Name**

- Marmox Thermoblock

- **Use of the product**

- High insulated, load-bearing, building blocks designed to replace the course of bricks or blocks at the bottom of a wall.

- **Company: Identification**

- Marmox Egypt SA

- 43 Al – Haram St.

- Giza – Egypt

- Tel. No.: (202) 338 20 966

- Fax No.: (202) 338 60 172

- Emergencies: Tel. 002 01001745231 available from: 8.00 a.m to 5.00 p.m (GMT +3 hours).

2) Hazards identification:

- Extruded polystyrene foam core coated with standard cement according to EN 196, silica fillers, redispersible plastics, Glassfibermesh with SBR based polymer.
 - Pathologies specifically related to product handling are currently unknown
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3) Composition / information on ingredients:

- Extruderred polystyrene foam core, without flame retardant, coated with standard cement according to EN 196, silica fillers, redispersible plastics, low chromate content according TRGS 6/3 (<2ppm), glass fibre mesh with SBR based polymer. Inside the foam are columns made of polymer concrete, basing on solvent free epoxy resin binder and fillers composed of polystyrene and expanded clay granules.
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4) First aid measures:

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No special measures are necessary.

5) Fire – fighting measures:

- **Suitable extinguishing media**
Water, Carbon dioxide, extinguishing powder, foam.
 - **Dangerous combustion products**
Carbon dioxide, carbon monoxide, Hydrocarbons, hydrogen halides, Fire gases of organic materials classed as respiratory poison.
 - **Special protective equipment for fire fighters**
Fire fighting operations, rescue work under effect of combustion and smoulder gases that may be done with breathing apparatus. Wear protective clothing.
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6) Accidental release measure:

Refer to protective measures in sections 7&8 and disposal precautions in section 13.

7) Handling and storage:

- **Handling**
No special measures are necessary.
- **Advise on protection against fire and explosion**
Keep away from sources of heat and ignition.
- **Storage**
Store in dry place. Protect from direct sunlight.
Store on flat surfaces. All fire sources have to be avoided.

8) Exposure control / personal protection:

- **Exposure limits**
No limit values.

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- **Personal protection equipment**
No special requirements.

9) Physical and chemical properties:

- **Form:** Sandwich sheet.
- **Colour:** Grey.
- **Odour:** Odourless.
- **Storage temperature:** -50 to +75 °C.
- **Softening temperature:** + 75 °C.
- **Flash point:** Not applicable.
- **Ignition temperature:** about 350 °C.
- **Explosion danger:** None.
- **Solubility in water:** insoluble.

10) Stability and reactivity:

- **Conditions to avoid**
Temperatures more than 75 °C.
- **Materials to avoid**
Org. solvents and oils.
- **Hazardous decomposition products**
Hydrocarbons.
- **Thermal decomposition**
> 250 °C.

11) Toxicological information:

- **Skin contact**
No skin damage is known.

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- **Eye contact**
Eye contact with dust particles may cause mechanical irritation.
 - **Toxicological data**
Not known
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12) Ecological information:

- **Biodegradability**
Not degradable
- **Other unfavourable effects**
No unfavourable effects on water, plants, animals or microorganisms are known.

13) Disposal considerations:

- **Product**
The product is not recyclable. The product waste disposal in accordance with the regulations of the local authorities can either be incinerated or deposited with household garbage.
 - **Packaging**
Residuals must be removed from packing and when emptied completely disposal of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in form of disposal specified by the regional disposer.
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14) Transport regulations:

The product is not classified as hazardous material according to road, sea, air and rail transport regulations.

15) Regulatory information:



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The product does not require a hazard warning label in accordance with EC directives.

16) **Other information:**
None