

**Safety data sheet according to regulation
(EC) No 1907/2006 and (EC) No 1272/2008**



Trade name: Porothersm 850M
Created on: 01.03.2010
Issue date: 01.06.2015
Version: V2.1
Replaces former version: V2.0
Revision date: 18.01.2018
File name: Porothersm850M_en_SDB

1. Designation of Material/Preparation/ and Company

Trade-name: Porothersm 850M

REACH registration number: none

Product Information: Thermal insulation of industrial equipment

Manufacturer/Supplier :

Techno-Physik Engineering GmbH

Schürmannstrasse 27- 31

D- 45136 Essen

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D- 45066 Essen

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2. Composition: Information on Constituents

Chemical Characterisation:

Mixture of SiO₂ (amorphous), IR opacifier and reinforcing fibres

3. Potential Hazards

3.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 The substance is not classified according to the CLP regulation since it is an article.

3.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

3.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

4. First-aid Precautions

4.1 after skin contact

Wash the affected areas of skin with water and mild soap.
Do not use any other cleansing agents.

4.2 after contact with the eyes

Rinse the eyes with water

4.3 After swallowing

Rinse out the oral cavity. Drink plenty of water. If nauseous,
seek medical assistance.

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9. Physical and chemical Properties

9.1. Appearance: Form : blanket
Colour :maroon
Smell : odourless

9.2 Data of relevance for safety
pH value: 4.2 – 4.3 at 25°C (40g/l H₂O)
Flash point/flammability: not applicable
Ignition temperature: non-combustible acc.
to DIN 4102
Melting point: 1000°C
Density:200 kg/m³

10. Stability and Reactivity

10.0 General No dangerous reactions known when properly stored and handled.
10.1 Conditions to be avoided
10.2 Substances to be avoided
10.3 Hazardous decomposition products

11. Toxicological Data

11.0 General To our current knowledge, no further data is known. When used properly, no damage is to be expected based on our current knowledge. The following toxicological data were obtained from tests on similar substances.

Half-life after inhalation Animal tests : At the highest technically achievable concentration, no mortality in animal tests

12. Ecological Data

12.1 Elimination data Biodegradation : Product does not cause oxygen depletion
12.2 Behaviour in environmental compatibility
12.3 Eco-toxic effects unknown
12.4 Behaviour in sewage plants No effects

13. Instructions for Disposal

These products contain no hazardous substances in the sense of the Hazardous Substances Directive and may be disposed of in an appropriate disposal site in keeping with official and local regulations. Residues and waste not subjected to thermal loads will be taken back by the manufacturer.

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14. Shipping Data

These products do not present any shipping hazard.
Protect products from damp during shipment. Avoid the creation of dust.

15. Regulations

There is no requirement to mark the products as they contain no hazardous substances in the sense of the Hazardous

Substances Directive or the corresponding EU directives .

European regulations:

Directive 97/69/EC

German regulations:

TRGS 900 – Limit values in the air at the workplace

16. Miscellaneous Data

The data contained in this safety data sheet are based on the present state of knowledge and experience. The safety data sheet describes products from the viewpoint of safety requirements. The data does not imply any assurance of
