

Material Safety data sheet

according to EU regulation Nr. 453/2010



created: 03.10.2012 revised: 25.02.2014
last printed: 06.05.2014

Article 1: Identification of the substance and the company

1.1 Product identifier

Trade name

PAVATHERM

1.2 Product description

wood-fibre insulation for roof, wall and ceiling

1.3 Details of the supplier of the data sheet

Supplier

Pavatex SA
Route de la Pisciculture 37
CH-1701 Fribourg

Hotline

Technology Centre (TC) +41 (26) 426 35 40

1.4 Emergency telephone number

Head of Quality & Projects +41 (26) 426 35 40

Article 2: Hazards identification

2.1 Classification and labelling

This product is not subject to declaration

2.2 Label element

-

2.3 other risks

This product does not bear any risks.
While processing, the same precautions against dust must be taken as if solid wood was machined.

Article 3: Composition / information on ingredients

3.1 Dangerous components

According to EU-directive 1999/45/EG this product does not contain any harmful substances.

3.2 non dangerous components

PAVATHERM 20/30mm		PAVATHERM ≥ 40 mm	
Coniferous wood:	95.87%	Coniferous wood:	95.50%
Paraffin:	0.9%	Paraffin:	0.50%
PVAc:	1.6%	Polyurea:	4.00%
Starch:	0.6%		
Flocculant:	0.03%		
Aluminium sulphate:	1.0%		

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Article 4: First aid measure

4.1 General information

no particular hazards
The same precautions against dust must be taken as if solid timber is processed.

4.2 Inhalation

non-applicable

4.3 Eye contact

non-applicable

4.4 skin contact

clean dust with water

4.5 Ingestion

Non-applicable

Article 5: Fire-fighting measures

5.1 Suitable extinguishing media

Extinguishing agent must be adapted to surrounding fire since this product does not require any special extinguishing agent.

5.2 Extinguishing agent that must not be used

non

5.3 Advice for fire fighters

self-contained breathing apparatus must be used

Released flue gas in case of fire:

- Carbon monoxide (CO)
- Carbon dioxide (CO₂)
- Nitrogen oxides (NO_x)

Article 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

non

6.2 Environmental precautions

non

6.3 Methods and material for containment and cleaning up

non

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Article 7: Handling and storage

7.1 Advice on safe handling

No special measures required

7.2 Conditions for safe storage, including any incompatibilities

storage class 11; combustible solid matter

Take into consideration the generally recognised codes of practice of fire preventions.

auto ignition if surrounding temperatures exceed 200°C

7.3 specific use

diffusion and absorption capacities for prospective nehmes living climate

Article 8: Exposure controls / personal protection

8.1 Exposure limits

occupational exposure limits defined by the EU must be considered

TRGS 553 / max. 2mg/m³

8.2 Delimitation and monitoring oft environmental exposition

breathing protection: Mask type FFP2 if cutting

eye protection: usual safety measures if cutting

protective gloves: usual safety measures if cutting, no special material required

personal protection: usual safety measures

Article 9: physical and chemical properties

9.1 general information

Appearance: bright yellow till brown with structured surface

Aggregate state: solid panel

Smell: like wood

9.2 safety related information

risk of explosion: non

burning point: ≥ 200°C

9.3 additional information

Density PAVATHERM 20/30mm:

140 ±10 kg/m³

Density PAVATHERM ≥40mm

110 ±10 kg/m³

Article 10: Stability and reactivity

10.1 conditions to be avoided

contact with open fire

10.2 Hazardous reactions

Tenside can deteriorate the hydrophobising oft the product. Some wood preservative agents contain tenside.

Localised flatting will stain zinc sheet irreversible.

10.3 Hazardous decomposition products

If stored and handled properly, no hazardous decomposing products are known

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Article 11: Toxicological information

11.1 Toxikokinetiks, metabolism and distribution

not determinated

11.2 acute toxicity

non

11.3 Sensitization

wood dust can cause asthma

11.4 Repeated dose toxicity

not determinated

11.4 Carcinogenicity

wood dust is under suspicion to be a carcinogenetic agent

Article 12: Ecological information

12.1 eco-toxicity

non

Article 13: Disposal consideration

13.1 Disposal / Product

Under consideration oft the local provisions burn in a waste combustion dump
Waste code according to the hazardous waste list directive 03 01 05

13.2 Disposal / Packaging

PE- foil (Waste code 15 01 02)
pallet (wood) (Waste code 15 01 03)
Under consideration of the local provisions burn in a waste combustion dump

Article 14: Transport information

14.1 Classification GGVSEB

no hazardous good according to this provision

Article 15: Regulatory information

15.1 chemical safety assessment

not required

15.2 labelling according to EU-Guidline

not required

15.3 The determining risk for labelling

S-phrases: S 22 do not breath dust
 S 41 do not breath fumes

Article 16: Other information

PAVATEX SA

Rte de la Pisciculture 37 T +41 (0)26 426 31 11
CH-1701 Fribourg F +41 (0)26 426 32 09
Seite 4 von 5

Knonauestrasse 51-53
CH-6330 Cham

T +41 (0)26 426 35 00
F +41 (0)26 426 35 45

www.pavatex.ch
info@pavatex.ch

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F +41 (0)26 426 32 09

Knonauestrasse 51-53
CH-6330 Cham

T +41 (0)26 426 35 00
F +41 (0)26 426 35 45

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