



FATRAFOL 810 1,20-1300 B2761
FATRAFOL 810/V 1,20-2050 B2761
FATRAFOL 810 1,50-1300 B2761
FATRAFOL 810/V 1,50-2050 B2761
FATRAFOL 804 1,50-1300 B2761

22.10.2011

Issue.: 1

1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product identifier

Trade name : **FATRAFOL 810 1,20-1300 B2761**
FATRAFOL 810/V 1,20-2050 B2761
FATRAFOL 810 1,50-1300 B2761
FATRAFOL 810/V 1,50-2050 B2761
FATRAFOL 804 1,50-1300 B2761

Chemical name: no (mixture)

1.2 Relevant identified uses of the mixture

Roofing membranes FATRAFOL is half-finished product (a flat form) and is identified for a next professional using. The membrane is mutual connected by hot air welding with manual or automatic welding instruments.

FATRAFOL is identified for providing the one layer coating of flat roof .

1.3 Details of the producer/supplier and of the Safety Data Sheet

Address producer : Fatra, a.s.
T. Bati, 763 61 Napajedla, Česká republika
IČ: 27 465 021
Tel: +420 577 501 111
Fax: +420 577 502 555
E-mail of the competent person responsible for the Safety Data Sheet:
krozsyalkova@fatra.cz

1.4 Emergency telephone number

Toxicology informative centre (TIC), Na bojišti 1, Postal Code 128 08 Praha 2, nonstop : +420 224 919 293,
+420 224 915 402

2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

The roofing membrane FATRAFOL is article, its alle substances are fast fixated into a matrix compound PVC-P by procedure gelatination. FATRAFOL is not classified as dangerous according to the 1272/2008/EC. In this product is presented no SVHC substance according to ECHA list published on web http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp.

2.2 Label elements

Labelling according to 67/548/EEC and 1272/2008/EC : no

2.3 Other hazards

Criteria for PBT,vPvB : FATRAFOL does not meet the criteria for PBT,vPvB.

Other hazard : In case of fire are released toxic and irritating fumes (HCL, carbon oxide, low-boiling fractions of the phthalates)

3 COMPOSITION / INFORMATION ON INGREDIENTS

FATRAFOL does not contains dangerous substances according to 1272/2008/EC.

Chemical name	Content at %	Registration Number	CAS No.	EC No.	Classification : <i>67/548/EHS</i> and <i>1272/2008/EC</i>
Di-isononyl phthalate	0 - 5	01-2119430798-28-0003	28553-12-0	249-079-5	no
Di-propylheptyl-phthalate	0 - 35	01-2119446694-30-0002	53306-54-0	258-469-4	no
Di -diisodecyl phthalate	0 - 35	01-2119422347-43-0000	68515-49-1	271-091-4	no

4 FIRST AID INSTRUCTIONS

4.1 General instructions

Keep basic hygiene requirements.

4.2 When inhaled

No equipment.

4.3 In case of contact with skin

No equipment.

4.4 In case of contact with eyes

No equipment.

4.5 When swallowed

Unlikely.

5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Powder or snow fire-extinguisher. In case of a large-scale fire, use a split water stream.

Unsuitable extinguishing media

Direct water stream.

5.2 Special hazards arising from the mixture

While the FATRAFOL burns, it produces toxic products (HCL, carbon oxide, low-boiling fractions of the phthalates).

5.3 Advice for fire - fighters

When fighting the fire , you must use self-contained breathing apparatus and a protective suit against heat, eventually a protective chemical-resistant pressure suit.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

No equipment.

6.2 Environmental precautions

No equipment.

6.3 Methods and material for containment and cleaning up

Impure FATRAFOL feed into a container for further processing of a recycling or disposal. Disposal of the waste is governed by the valid waste handling legislation.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

FATRAFOL can be made by specialists for this purpose trained firms. The membrane is applied conformable with fundamentals being set and described in a Construction and Technologic Instruction of the producer, being valid in the time of waterproofing providing.

There is necessary to keep all safety, hygienic and fire regulations valid in the time of laying and membrane joining.

7.2 Conditions for safe storage

FATRAFOL must be stored in original closed packing. The recommended storage temperature is from -5 °C to +30 °C. There is recommended to protect it from weathering influences till the processing time.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control parameters**

Czech Republic (Government Decree No. 361/2007 Coll.):

Name	PEL [mg.m-3]	HPC-P [mg.m-3]
Di-diisodecyl phthalate (CAS 68515-49-1)	-	-
Di-propylheptyl phthalate (53306-54-0)	-	-
Di-isononyl phthalate (CAS 28553-12-0)	3	10

PEL Permissible exposure limit of a chemical in the air

HPC-P The highest permissible concentration limit of a chemical substance in the air

National values of exposure limits :

For national values of exposure limits see e.g. :

http://bgia-online.hvbg.de/LIMITVALUE/WebForm_gw.aspx - for full text see section 16.

Observance of valid national legislative is in user competency.

8.2 Exposure control

Occupational exposure controls

For FATROFOL does not require equipment.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C:

solid

Colour :

coloured

Odour (smell) :

characteristic after soften PVC

Density [g/cm³]

1,28

Solubility at 20°C in water [g/l]:

insoluble

Further date: FATRAFOL is soluble into cyclohexanone and tetrahydrofuran.

10 STABILITY AND REACTIVITY**10.1 Conditions to avoid**

Contact with exposed flame, hot surfaces and sparks.

10.2 Possibility of hazardous reactions

Strong oxidising agents.

10.3 Hazardous decomposition products

Above +180 °C comes on thermic decomposition and released : HCL, carbon oxide, low-boiling fractions of the phthalates.

11 TOXICOLOGICAL INFORMATION

At conditions of the ordinary using, FATRAFOL has no acute and chronic adverse reactions on the health.

12 ECOLOGICAL INFORMATION**12.1 Toxicity**

FATRAFOL is not dangerous for environment.

12.2 Persistence and degradability

FATRAFOL is not biodegradable.

13 DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

FATRAFOL must be handled in compliance with the valid legal regulations governing the disposal of waste as well as well with other environmental regulations.

Impure waste can be recycled or disposal. Waste with dangerous substances can be dispose into incinerator for hazardous waste.

13.2 Legal regulations governing the disposal and handling of waste

The Czech Republic

Act No. 185/2001 Coll. on waste modifying certain other acts, in valid wording including delegated legislative (e.g. Decree No.381/2001 Coll. determining the Catalogue of Waste).

The European Union

EP and Council Directive 2006/12/EC on waste
Council Directive 1991/689/EHS on dangerous waste

14 TRANSPORT INFORMATION

Not dangerous goods in conformity with in transport regulation (ADR/RID).

15 REGULATORY INFORMATION

European Union :

Regulation No 1907/2006 /EC of the European Parliament and of the Council, as amended,
Regulation No 1272/2008/EC of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation /EC/ No 1907/2006 /1/, as amended,
Council Directive 1991/689/EHS on hazardous waste, as amended,
EP and Council Directive 2006/12/ES on waste, as amended,

Czech Republic:

Act No. 254/2001 Coll., regarding water resources, as amended
Act No. 185/2001 Coll., regarding waste, as amended
Decree of the Czech Ministry of Environmental Protection No. 381/2001 Dig. (Catalogue of Waste)
Act No. 258/2000 Coll. on the protection of public health amending certain related acts, as amended,
Government Decree No. 361/2007 Coll. determining the conditions of the protection of health at work, as amended

16 OTHER INFORMATION

National values of exposure limits :

For national values of exposure limits see e.g.

http://bgia-online.hvbg.de/LIMITVALUE/WebForm_gw.aspx

	Substance		Diisononyl phthalate	
	CAS No.		28553-12-0	
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Austria				
Belgium				
Canada - Québec				
Denmark		3		6
European Union				
France				
Germany (AGS)				
Germany (DFG)				
Hungary				
Italy				
Japan				
Poland				
Spain				
Sweden				
Switzerland				

The
Netherlands

USA -
NIOSH

USA -
OSHA

United
Kingdom

5

Declaration :

The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. Buyer assumes all risk of use, storage, handling and disposal of the product in compliance with applicable federal, state, and local laws and regulations.

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