



Heraklith® Products
Version 1.01

Heraklith.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Generic product name : Heraklith®

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Thermal insulation

1.3. Details of the supplier of the safety data sheet

Producer : **Knauf Insulation**
Head Office,
Am Bahnhof
97346 Iphofen
Germany
Web: www.knaufinsulation.com

Region	Contact	Telephone number	Email
Hungary	Head Office Country Contact	+32 (0) 10 488 460	sds@knaufinsulation.com

1.4. Emergency telephone number

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

European directive 67/548/EEC : The product is not classified.

Regulation (CE) n° 1272/2008 : The product is not classified.

2.2. Label elements

There are no Risk Phrases associated with this product

2.3. Other hazards

Most important hazards : None

Specific hazards : n/a

3. COMPOSITION / INFORMATION on INGREDIENTS

3.2. Mixtures					
Substance	C.A.S. number ⁽²⁾	weight (%)	Classification and labelling (Regulation (CE) n° 1272/2008)	Classification and labelling (European directive 67/548/EEC as amended 97/69/EC)	EC number
Wood Spruce ⁽¹⁾	n/a	20 to 35%	-	-	n/a
Bonded with a mineral based cured binder	n/a	80 to 65%	-	-	n/a

⁽¹⁾: Wood Wool Fibres – A non hazardous ingredient
⁽²⁾: C.A.S. : Chemical Abstract Service

Possible facing materials : not applicable
Heraklith® REACH Registration number : not applicable

4. FIRST AID MEASURES

4.1 Description of first aid measures	
Exposure route:	
- Inhalation	: n/a.
- Skin contact	: n/a
- Eyes contact	: Rinse thoroughly with water
- Ingestion	: n/a
4.2 Most important symptoms and effects, both acute and delayed	
None	
4.3. Indication of any immediate medical attention and special treatment needed	
If any adverse reaction or discomfort arises, seek professional medical advice	

5. FIREFIGHTING MEASURES

5.1. Extinguishing media	
Suitable extinguishing media	: Water, foam, carbon dioxide (CO ₂) and dry powder.
5.2. Special hazards arising from the article	: None. However some packaging materials or facings may be combustible. Products of combustion from product and packaging - carbon dioxide, carbon monoxide and some trace gases such as ammonia, nitrogen oxides and volatile organic substances.
5.3. Advice for fire fighters	: In large fires in poorly ventilated areas or involving packaging materials respiratory protection / breathing apparatus may be required.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : In case of presence of high concentrations of dust, use the same personal protective equipment as mentioned in section 8.

6.2. Environmental precautions

Environmental protection : not relevant

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Vacuum cleaner or dampen down with water spray prior to brushing up to avoid stirring up dust.

6.4. Reference to other sections

: For personal protection, see section 8. For waste disposal, see section 13.

7. HANDLING and STORAGE

7.1. Precautions for safe handling

- **Technical measures** : No specific measure. Cut using a table saw, jack saw or a circular saw.

- **Precautions** : Always work with a safety guard, guide and an extraction system to ensure adequate ventilation of the workplace.

- **Safe handling advice** : none

7.2. Conditions for safe storage, including any incompatibilities

- **Technical measures** : none

- **Suitable storage condition** : Panels must be stored flat and stably in a dry, clean, swept-out room to protect them from moisture, soiling and dust.

- **In-compatible materials** : none

- **Packaging material** : Delivered on pallets packed e.g. with a protective cardboard cover, edge protection, foil and fixing stripes.

7.3. Specific end use(s)

: not relevant

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Exposure Limit Value : None at European level, refer to member state guidelines and legislation.

Hungary: Refer to local legislation.

8.2. Exposure controls

Engineering controls : No specific requirements

Individual protection equipment:

- **Respiratory protection** : Wearing a face mask type in accordance with EN 149 FFP1 is recommended
When using products in confined atmosphere or during operations which can generate emission of any dust.

- **Hand protection** : Wear suitable gloves (leather)

- **Eyes protection** : Goggles especially if dust levels are high or working above shoulders.
Eye protection to EN 166 is advised

- **Skin protection** : n/a

- **Hygiene measures** : n/a

9. PHYSICAL and CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Form	: Board/Panel
Colour	: Beige, grey or coloured
Odour	: n/a
Boiling point	: n/a
Melting point	: n/a
Flash point	: n/a
Flammability	: B or A2 according to DIN EN 13501
Ignition temperature	: n/a
Self-igniting	: n/a
Oxidising properties	: n/a
Explosion hazard	: n/a
Vapour pressure	: n/a
Density	: 350 up to 700 kg/m ³
pH	: (at 1000 g / l H ₂ O) (25 °C) 8.5 to 10
Solvent content	: n/a
Dynamic viscosity	: n/a

10. STABILITY and REACTIVITY

10.1. Reactivity	: None
10.2. Thermal Stability	: Product will thermally decompose above > 100 °C
10.3. Possibility of hazardous reactions	: None in normal conditions of use
10.4. Conditions to avoid	: Heating above 100°C.
10.5. Incompatible materials	: None.
10.6. Hazardous decomposition products	: None in normal condition of use. Thermally decompose or catches fire above 100°C

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute effect	: None
Carcinogenic effect	: None

12. ECOLOGICAL INFORMATION

12.1. Toxicity	: This product is not ecotoxic to air, water or soil, by composition.
12.2. Persistence and degradability	: Not relevant.
12.3. Bioaccumulative potential	: Will not bio-accumulate.
12.4. Mobility in soil	: Not relevant.
12.5. Results of PBT and vPvB assessment	: Not relevant.
12.6. Other adverse effects	: None known.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues	: Dispose of in accordance with regulations and procedures in force in country of use or disposal.
Dirty packaging	: Dispose of in accordance with regulations and procedures in force in country of use or disposal.
European waste catalogue code	: 17 01 07
Additional information	: The residues are in a finely divided form as structural materials in composting

14. TRANSPORT INFORMATION

14.1. UN number	: not classified for transport
14.2. UN proper shipping name	: not classified for transport
14.3. Transport hazard class(es)	: not classified for transport
14.4. Packing group	: not classified for transport
14.5. Environmental hazards	: not classified for transport
14.6. Special precautions for user	: not classified for transport
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	: not classified for transport

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Heraklith® products (panels, boards), are defined as articles under REACH and therefore a safety data sheet for these products is not a legal requirement.

The European Regulation on Chemicals No 1907/2006, Registration, Evaluation, Authorisation of Chemicals (REACH) enacted on June 1st 2007 requires the provision of safety data sheet (SDS) for hazardous substances and mixtures / preparations.

In accordance with industry practice and voluntary commitments, Heraklith® has decided to continue to provide its customers with the appropriate information for the purpose of assuring safe handling and use of wood wool throughout the product life.

This material safety data sheet / product data sheet is produced in accordance with principles outlined in the EU directives 67/548/EEC, 1999/45/EEC, 1907/2006, 1272/2008 and 453/2010

15.2. Chemical safety assessment : not relevant.

16. OTHER INFORMATION

Heraklith® is a registered trade mark of Knauf Insulation
Further information can be obtained from: - www.knaufinsulation.com

Version: 1.01

Document revised: 09/05/2013, new document format

Date of previous revisions: 25/06/2012

This safety data sheet / product data sheet does not constitute a workplace assessment

Information contained in this document represents the state of our knowledge regarding this product as of the date of issue of the document. Attention of users is drawn to possible risks taken when the product is used for other applications than the ones it has been designed for.

MORE INFORMATION

Product Families

- Heraklith C
- Heraklith CF

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