



**Heraklith<sup>®</sup>**  
**Version 4.0**

**Heraklith.**



## SAFETY DATA SHEET

### Heraklith®

According to Regulation (EC) No 1907/2006, Annex II, as amended., Commission Regulation (EU) No 2015/830 of 28 May 2015.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** Heraklith®  
**Product number** KI\_DP\_401

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

**Identified uses** Thermal Insulation

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** Knauf Insulation  
Am Bahnhof  
97346 Iphofen  
Germany  
+32 4 379 02 31  
www.knaufinsulation.com  
sds@knaufinsulation.com

**Region** Liechtenstein

##### 1.4. Emergency telephone number

**Emergency telephone** Tel: +32 4 379 02 31  
(Monday - Friday, 08:00 hrs - 17:00 hrs)

## Heraklith®

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

#### 2.2. Label elements

Hazard statements	NC Not Classified
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#### 2.3. Other hazards

Specific hazards	Not applicable.
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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Bonded with a mineral based cured binder</b>	<b>65 - 80%</b>
CAS number: —	
<b>Classification</b> Not Classified	
<b>Wood Spruce</b>	<b>20 - 35%</b>
CAS number: —	
Ingredient notes:(1a)	
<b>Classification</b> Not Classified	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Ingredient notes** (1) Wood Wool - a non hazardous ingredient  
CAS: Chemical Abstracts Service.

**Other information** Possible facing materials: n/a.  
Heraklith® REACH Registration number: Not applicable.

## Heraklith®

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Not applicable.
Ingestion	Not applicable.
Skin contact	Not applicable.
Eye contact	Rinse thoroughly with water.

#### 4.2. Most important symptoms and effects, both acute and delayed

General information	None.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

General information	If any adverse reaction or discomfort arises, seek professional medical advice.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	Water, foam, carbon dioxide (CO <sub>2</sub> ), and dry powder.
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#### 5.2. Special hazards arising from the substance or mixture

General information	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.
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#### 5.3. Advice for firefighters

General information	In large fires in poorly ventilated areas involving packaging materials respiratory protection / breathing apparatus may be required.
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### SECTION 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.
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#### 6.2. Environmental precautions

Environmental precautions	Not relevant.
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#### 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.
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#### 6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
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## Heraklith®

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions**                      Cut using a table saw, jack saw or a circular saw. Always work with a safety guard, guide and an extraction system to ensure adequate ventilation of the workplace.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions**                      Panels must be stored flat and stably in a dry, clean, swept-out room to protect them from moisture, soiling and dust.  
Delivered on pallets packed with a protective cardboard cover, edge protection, foil and fixing stripes.

**Incompatible materials**                      No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 7.3. Specific end use(s)

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

Refer to local legislation.

#### 8.2. Exposure controls

**Appropriate engineering controls**                      No specific measures.

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

**Hand protection**                      Wear protective gloves. Leather.

**Other skin and body protection**                      Not applicable.

**Hygiene measures**                      Not applicable.

**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.

**Heraklith®****SECTION 9: Physical and Chemical Properties****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Solid. Board/Panel
<b>Colour</b>	Beige, grey or coloured
<b>Odour</b>	Not applicable.
<b>Odour threshold</b>	No data available.
<b>pH</b>	8.5 - 10 (@ 1000g/l H <sub>2</sub> O, 25°C)
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	B or A2 according to DIN EN 13501
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	350 - 700 kg/m <sup>3</sup>
<b>Solubility(ies)</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.

**9.2. Other information**

<b>Other information</b>	None.
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## Heraklith®

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** None.

#### 10.2. Chemical stability

**Stability** Product will thermally decompose above 100°C

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None in normal conditions of use.

#### 10.4. Conditions to avoid

**Conditions to avoid** Heating above 100°C

#### 10.5. Incompatible materials

**Materials to avoid** None.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None in normal conditions of use. Thermally decomposes or catches fire above 100°C

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** None. Classification not applicable for this product

## Heraklith®

### SECTION 12: Ecological Information

#### 12.1. Toxicity

**Toxicity** This product is not ecotoxic to air, water or soil, by composition.

#### 12.2. Persistence and degradability

**Persistence and degradability** Not relevant.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Will not bioaccumulate.

#### 12.4. Mobility in soil

**Mobility** Not relevant.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not relevant.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** [17 01 07] Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.  
The residues are in a finely divided form as structural materials in composting.

**Disposal methods** Dispose of in accordance with regulations and procedures in force in country of use or disposal.



## Heraklith®

### SECTION 14: Transport information

**General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

**Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

None known.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

**Transport in bulk according to** Not relevant.

**Annex II of MARPOL 73/78**

**and the IBC Code**

## Heraklith®

### SECTION 15: Regulatory information

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

##### **EU legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

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

#### 15.2. Chemical safety assessment

Not relevant.

## Heraklith®

### SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	ATE: Acute Toxicity Estimate. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. CAS: Chemical Abstracts Service. IARC: International Agency for Research on Cancer. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods. MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. PBT: Persistent, Bioaccumulative and Toxic substance. REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. UN: United Nations. vPvB: Very Persistent and Very Bioaccumulative.
<b>General information</b>	Heraklith® is a registered trade mark of Knauf Insulation.
<b>Further information can be obtained from</b>	<a href="http://www.heraklith.com">www.heraklith.com</a>
<b>Further product information can be obtained from</b>	<a href="mailto:info@heraklith.com">info@heraklith.com</a>
<b>Revision comments</b>	New document format
<b>Revision date</b>	26/09/2016
<b>Revision</b>	4.0
<b>Supersedes date</b>	09/06/2015
<b>SDS number</b>	4725
<b>Product Families</b>	Heraklith BM

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.