



Heraklith®
Version 2.00

Heraklith.

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| Product name: | Heraklith® | Page: | 1/8 |
| Revision Date: | 2013-05-24 | Print date: | 2013-05-24 |
| Product No.: | KI_DP_401 | SDS-ID: | GRe-EN/2.0 |

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Heraklith®

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

Identified use(s): Thermal Insulation

1.3. Details of the supplier of the safety data sheet

Head Office Knauf Insulation
Am Bahnhof
97346 Iphofen
Germany
Tel: +32 (0) 1048 8460
sds@knaufinsulation.com
www.knaufinsulation.com

Country Contact: Greece
Tel: +30 2117 107 007
yiannis.kontoulis@knaufinsulation.com

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

GHS/CLP 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

None.

Specific hazards: N/A.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

67/548/EEC:

| <u>%:</u> | <u>CAS-No.:</u> | <u>EC No.:</u> | <u>REACH Reg. No.:</u> | <u>Chemical name:</u> | <u>Hazard classification:</u> | <u>Notes:</u> |
|-----------|-----------------|----------------|------------------------|--|-------------------------------|---------------|
| 20 - 35 | - | - | -- | Wood Spruce | - | (1), (2) |
| 80 - 65 | - | - | -- | Bonded with a mineral based cured binder | - | |

GHS/CLP CE N°1272/2008

| <u>%:</u> | <u>CAS-No.:</u> | <u>EC No.:</u> | <u>REACH Reg. No.:</u> | <u>Chemical name:</u> | <u>Hazard classification:</u> | <u>Notes:</u> |
|-----------|-----------------|----------------|------------------------|--|-------------------------------|---------------|
| 20 - 35 | - | - | -- | Wood Spruce | | (1), (2) |
| 80 - 65 | - | - | -- | Bonded with a mineral based cured binder | - | |

Notes: (1) Wood Wool - Non-hazardous substance.
(2) CAS-No.: Chemical Abstract Service

Possible facing materials: n/a.

Heraklith® REACH Registration number: Not applicable.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

| | |
|----------------------|------------------------------|
| <u>Inhalation:</u> | N/A. |
| <u>Skin contact:</u> | N/A. |
| <u>Eye contact:</u> | Rinse thoroughly with water. |
| <u>Ingestion:</u> | 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.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Water, foam, carbon dioxide (CO₂), and dry powder.

5.2. Special hazards arising from the substance or mixture

None. 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 firefighters

In large fires in poorly ventilated areas or involving packaging materials respiratory protection / breathing apparatus may be required.

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.

6.2. Environmental precautions

Environmental precautions: 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.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

| | |
|-------------------------------|--|
| <u>Safe handling advice:</u> | None. |
| <u>Technical measures:</u> | No specific measures. Cut using a table saw, jack saw or a circular saw. |
| <u>Technical precautions:</u> | 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

| | |
|---|--|
| <u>Technical measures for safe storage:</u> | None. |
| <u>Storage conditions:</u> | <p>Panels must be stored flat and stably in a dry, clean, swept-out room to protect them from moisture, soiling and dust.</p> <p>Delivered on pallets packed with a protective cardboard cover, edge protection, foil and fixing stripes.</p> <p>No incompatible groups noted.</p> |

7.3. Specific end use(s)

Not relevant.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|-------------------------|---|
| <u>Exposure limits:</u> | None at European level, refer to member state guidelines and legislation: |
|-------------------------|---|

8.1. Control parameters

OEL - 5 mg/m³

8.2. Exposure controls

| | |
|-------------------------------|---|
| <u>Engineering measures:</u> | No specific measures. |
| <u>Respiratory equipment:</u> | 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. |
| <u>Hand protection:</u> | Wear suitable gloves. (Leather.) |
| <u>Eye protection:</u> | Goggles especially if dust levels are high or working above shoulders. Eye protection to EN 166 is advised. |
| <u>Skin protection:</u> | N/A. |
| <u>Hygiene measures:</u> | N/A. |

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Solid.
Form: Board/Panel
Colour: Beige, grey or coloured
Odour: N/A.
pH: (@ 1000 g / l H₂O) (25°C) 8.5 - 10
Boiling point: N/A.
Flash point: N/A.
Flammability (solid, gas): B or A2 according to DIN EN 13501
Explosion limits: N/A.
Vapour density: N/A.
Relative density: 350 - 700 kg/m³
Auto Ignition Temperature (°C): N/A.
Explosive properties: N/A.
Oxidising properties: N/A.

9.2. Other information

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

Hazardous Reactions: None in normal conditions of use.

10.4. Conditions to avoid

Conditions/materials to avoid: Heating above 100°C

10.5. Incompatible materials

Incompatible materials: None.

10.6. Hazardous decomposition products

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

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

None.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity: This product is not ecotoxic to air, water or soil, by composition.

12.2. Persistence and degradability

Degradability: Not relevant.

12.3. Bioaccumulative potential

Bioaccumulative potential: Will not bio-accumulate.

12.4. Mobility in soil

Mobility: Not relevant.

12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

None known.

SECTION 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.

Contaminated packaging: Dispose of in accordance with regulations and procedures in force in country of use or disposal.

EWC-code: 17 01 07, Non-hazardous substance.

Other information: The residues are in a finely divided form as structural materials in composting.

SECTION 14: TRANSPORT INFORMATION

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

14.1. UN number

UN-No: -

14.2. UN proper shipping name

Proper Shipping Name: -

14.3. Transport hazard class(es)

Class: -

14.4. Packing group

Packing group: -

14.5. Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

14.6. Special precautions for user

Special precautions: None known.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Transport in bulk: Not relevant.

SECTION 15: REGULATORY INFORMATION

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

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.

This material Safety Data Sheet / Product Data Sheet is in accordance with the EU directives 67/548/EEC, 1999/45/EEC, 1907/2006, 1272/2008 and 453/2010.

15.2. Chemical Safety Assessment

CSA status: Not relevant.

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SECTION 16: OTHER INFORMATION

Heraklith® is a registered trade mark of Knauf Insulation.

Further information can be obtained from: www.heraklith.com

Further product information can be obtained from: info@heraklith.com

Product Families : Heraklith C, Heraklith E

Additional information: Change to Sections: New document format

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.