

SAFETY DATA SHEET

in accordance with Regulation (EU) No. 453/2010



naturheld FLEX

last revision: 11.07.2025

Side 1 from 4

1. NAME OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1. Name of the substance or the preparation	Naturheld FLEX
1.2. Use of the fabric / Preparation	Wood fibre insulation board for roof, wall and ceiling constructions
1.3. Name of the Corporate	Naturheld GmbH & Co. KG Parksteiner Weg 20 92655 Grafenwöhr – Hütten Phone: +49 9641 93 646 100 E-mail: info@naturheld.global
Contact point for technical information	naturheld Application Technology Phone: +49 9641 93 646 350 E-mail: technik@naturheld.global
1.4. Emergency number Germany	Phone: +49 9641 93 646 350 Monday to Friday, 8:00 a.m. to 5:00 p.m.

2. POSSIBLE DANGERS

2.1. Classification	The product is not subject to labelling in accordance with EC directives in the latest version.
2.2. Labelling elements	None.
2.3. Hazard statements for humans and the environment	The product does not pose any special risks. Dust is generated during processing. Protective measures are necessary that are equivalent to those used in the processing of coniferous wood.

3. COMPOSITION / INGREDIENT INFORMATION

3.1. Chemical characterization	Wood fibre insulation board made of spruce or pine wood, with binding fibre made of PP / PE and flame retardant
3.2. Hazardous input materials	None, according to classification to EU lists in the latest version

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4. FIRST AID MEASURES

- | | |
|--------------------------|--|
| 4.1. General information | Immediate medical attention is not required. |
| 4.2. Inhale | None. |
| 4.3. Skin contact | None. |
| 4.4. Eye contact | Rinse wood fibre dust under running water |
| 4.5. Swallow | Rinse mouth |

5. FIREFIGHTING MEASURES

- | | |
|--|---|
| 5.1. Suitable extinguishing agents | All common extinguishing agents
Water, extinguishing powder, carbon dioxide (CO ₂), extinguishing foam |
| 5.2. Extinguishing agents that are not to be used for safety reasons | None |
| 5.3. Specific hazards posed by the substance | Smoke development (carbon monoxide, carbon dioxide, nitrogen oxides) |
| 5.4. Special protective equipment | Firefighting with usual precautions.
In the event of heavy smoke, self-contained breathing apparatus must be used. |

6. ACCIDENTAL RELEASE MEASURES

- | | |
|---|---|
| 6.1. Personal data
Precautions | Avoidance of dust generation, keep sources of ignition away |
| 6.2. Environmental protection
measures | None necessary. |
| 6.3. Cleaning procedures | Picking up material mechanically |

7. HANDLING AND STORAGE

- | | |
|--|--|
| 7.1. Handling | Cutting with knives, saws or general woodworking machines according to BG guidelines |
| 7.2. Notes on safe handling | Provide dust extraction or good ventilation in the workplace |
| 7.3. Notes on fire and explosion
protection | The general operational regulations on fire protection must be observed |
| 7.4. Storage | Dry |

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8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

- 8.1. Exposure limit values Dust pollution during processing with woodworking machines.
The limit value for wood dust in the air is 2 mg/m³ as an inhalable dust fraction (TRGS 553).
- 8.2. Personal protective equipment:
- | | |
|------------------------|---|
| Respiratory protection | In case of high dust levels, wear an FFP2 respirator. |
| Hand protection | Not required |
| Eye protection | Wearing safety glasses is recommended. |
| Body protection | Use common work clothes. |
| Hygiene measures | Observe usual occupational hygiene measures. |

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1. General information
- | | |
|-------|---------------------------|
| Form | solid, flexible |
| Color | Brown |
| Odor | Weak, characteristic odor |
- 9.2. Important information on health, environmental protection and safety
- | | |
|-------------------------------|----------------------------|
| pH value (at 20°C) | 5 – 6 |
| Melting Point / Melting Range | none |
| Flash point | > 200°C |
| Relative density | 50 to 60 kg/m ³ |
| Solubility | None |

10. STABILITY AND REACTIVITY

- | | |
|----------------------------------|--|
| Conditions to avoid | Exposure to ignition sources and large amounts of water. |
| Substances to avoid | None known. |
| Dangerous decomposition products | None known. |

11. TOXICOLOGICAL INFORMATION

- | | |
|-----------------|-----------------------------|
| Acute toxicity: | |
| on the skin | None |
| on the eye | None |
| Sensitisation | No sensitizing effect known |

The Federal Ministry of Labour and Social Affairs classifies wood dust as substances with a possible carcinogenic effect. Long-term inhalation of wood dust can lead to nasal and sinus cancer. Other health risks include irritation of the respiratory tract, asthma, skin irritation and allergic reactions.

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12. ENVIRONMENTAL CLAIMS

12.1. Ecotoxicity	None, non-water-polluting substance
12.2. Mobility	Absorption of liquids possible
12.3. Resistance and degradability	Biodegradable
12.4. Other harmful effects	None

13. INFORMATION ON DISPOSAL

13.1. Product	For single-origin product, waste code: 030105/170201
13.2. Packaging	Waste code: 150102 Wooden pallets, waste keys: 150103 Dispose of in compliance with official regulations.

14. TRANSPORT DETAILS

No dangerous goods according to the Dangerous Goods Regulation.

15. LEGISLATION

The substance is not subject to labelling on the basis of the EC lists in the latest version

16. OTHER INFORMATION

The information in this safety data sheet is based on the current state of our knowledge. However, the information does not constitute an assurance of product characteristics and does not establish a contractual legal relationship.

Exhibiting area	Naturheld GmbH & Co. KG Application Engineering Department Parksteiner Weg 20 92655 Grafenwöhr – Hütten Phone: +49 9641 93 646 350 E-mail: technik@naturheld.global
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