



SAFETY DATA SHEET

According to the REACH Regulation 1907/2006/CE

Updated date :

21/09/2020

Version 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

- 1.1. Product identification : **HERATEKTA**
- 1.2. Product use : **Rigid panel, thermal insulation, intended for :
- to achieve thermal insulation of floors.**
- 1.3. Company identification : **KNAUF SAS - Zone d'activités 68600 WOLFGANTZEN
Telephone : +33 3 89 72 11 12
E-mail : support.technique@knauf.fr**
- 1.4. Emergency telephone number : **ORFILA : +33 1 45 42 59 59**

2. HAZARDS IDENTIFICATIONS

Product classification according to current European directives :

The product is associated with no danger symbol.

Main dangers : **NONE**

Special dangers : **No particular danger in the case of normal use of the product.
However, during processing and in the event of cutting with a circular saw, irritation of the eyes and the respiratory tract is possible due to the creation of dust. Similarly, the presence of cement can cause sensitization of the skin in the event of repetitive contact.**

Fibers : **To be inhaled and to be deposited in the alveolar zones, a fiber must be less than 3.5µm in diameter and a maximum length of 250µm.
However, our panels are made of wood wool obtained by planing wood, at least 0.2mm thick, at least 1mm wide and of variable length but of the order of several centimeters. Due to these dimensions, our panels present no risk.**

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization : **Homogeneous panel of wood wool (spruce or softwood fibers) coated with cement and associated with expanded polystyrene (EPS).**

The classification and the risk phrases mentioned below are those of the substances indicated and in no case those of the product.

Components :	% mass	CAS/EINECS number	Symbol	Risk phrases :
Polystyrene	> 7%	9003-53-6 / -	/	/
n-pentane	< 0,5%	109-66-0 / 203-692-4	GHS02, GHS07	H224, H304,
Iso-pentane		78-78-4 / 201-142-8	GHS08, GHS09	H336, H411
Wood wool	> 30%	/	/	/
Cement CEM I and/or CEM II containing Portland Clinker	< 35%	65997-15-1 / 266-043-4	GHS05 GHS07	H315, H317, H318, H335
Lime, Calcium hydroxide	< 15%	1305-62-0 / 215-137-3	GHS05 GHS07	H315, H318, H335

No component or additive is listed among the candidate substances to be subject to authorization according to the REACH Regulation (Article 59.1).



SAFETY DATA SHEET

According to the REACH Regulation 1907/2006/CE

Updated date :

21/09/2020

Version 0

4. FIRST AID MEASURES

No specific first aid measure due to the absence of danger associated with the product.

In case of inhalation : give fresh air (inhalation of dust), consult a doctor in case of troubles.

In case of contact with skin : in case of irritation, rinse with water before washing with soap.

In case of contact with eyes : rinse immediately with plenty of water to remove any dust or fine particles. Consult a doctor in case of troubles.

In case of ingestion : drink plenty of water and consult a doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media : all fire extinguishing products are suitable except water jet.

Extinguishing media which must not be used Water jet

Particular danger resulting from exposure to the product and substances resulting from combustion :

The substances emitted are those related to the combustion of wood, as well as polystyrene, which is combustible but does not propagate fire once the ignition source has been removed.

Combustion products including carbon monoxide, carbon dioxide and traces of hydrogen bromide. Smoke which may reduce visibility. Possibility of release of traces of styrene, other hydrocarbons and their oxidation products.

Special protective equipment for fire-fighters :

Protective clothing and self-contained breathing apparatus.

6. MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL RELEASE

Personal Precautions : No open flame or other source of ignition near the product.

No smoking. Avoid sparks. Avoid dust formation.

Precautions for environmental protection : Avoid contamination of sewers or surface water.

Methods for cleaning up : In case of dust, moisten the area to be cleaned before picking up the product. Vacuum dust rather than sweeping it up. Organize disposal according to section 13.

7. HANDLING AND STORAGE

7.1. Handling

No special measures are required as long as everything is done to preserve the product in its entirety, in particular the absence of an open flame, source of ignition, sparks, ...

However, a well ventilated area is preferable.

7.2. Storage

Store away from sources of heat and ignition.

Store in a dry place away from bad weather.

Exposure to the elements can lead to the appearance of indelible rings and the visual appearance can deteriorate.

7.3. Specific use(s)

In case of cutting, protective goggles are required to avoid possible projection in eyes as well as adequate suction according to the quantities of dust formed.

Depending on the quantities to be cut, a mask is also needed.



SAFETY DATA SHEET

According to the REACH Regulation 1907/2006/CE

Updated date :

21/09/2020

Version 0

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Exposure limit values

The product is not subject to exposure limit values.

Some components or substances resulting from the decomposition of the product, have the following regulatory values :

OEL pentane (CAS No. 109-66-0 et 78-78-4) :	3000 mg/m ³
OEL styrene (CAS No. 100-42-5) :	100 mg/m ³
OEL hydrogen bromide (CAS No. 10035-10-6) :	6.7 mg/m ³
OEL inhalable dust :	10 mg/m ³
OEL respirable dust :	5 mg/m ³
OEL wood dust :	1 mg/m ³
OEL calcium hydroxide (CAS No. 1305-62-0) :	5 mg / m ³ (non-regulatory value - indicative value)

8.2. Exposure control

If the product is cut, if the ventilation or aspiration present is not considered sufficient, the use of a respiratory filter becomes necessary and sufficient. Protective glasses are also needed.

In case of prolonged contact, wash with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. General informations

Physical state :	Solid
Color :	Light color for the wood wool panel coated with cement. Gray color for expanded polystyrene.
Odour :	Odorless.

9.2. Health, safety and environmental information

Surface mass : 9 to 11 kg/m² depending on the thickness of the product.

9.3. Other information

Combustible.

10. STABILITY AND REACTIVITY

10.1. Conditions to avoid

Stable product but aesthetic degradation in the presence of humidity (bad weather).
Expanded polystyrene decomposes from 100 °C. Avoid proximity to sources of heat and ignition.

10.2. Materials to avoid

In the presence of humidity, indelible halos may appear. No dangerous reaction is to be deployed.

10.3. Hazardous decomposition products

Substances which may be emitted during the combustion of the product: carbon monoxide and dioxide, traces of hydrogen bromide, possible traces of styrene as well as other hydrocarbons and their oxidation products.

11. TOXICOLOGICAL INFORMATION

The product is non-toxic.



SAFETY DATA SHEET

According to the REACH Regulation 1907/2006/CE

Updated date :

21/09/2020

Version 0

12. ECOLOGICAL INFORMATION

The product does not present any danger for the environment.

Our expandable polystyrene suppliers cite recent studies indicating that expanded polystyrene beads should not be associated with any risk for the environment.

13. DISPOSAL CONSIDERATIONS

The waste is stored in a class II (non-hazardous) landfill.

Waste code for France : 17 06 04

Waste designation for France : insulation materials other than those mentioned in sections 17 06 01 (insulation materials containing asbestos) and 17 06 03 (insulation materials based on or containing dangerous substances)

Packaging such as covers or pallets can be recycled on condition that they are sent at least to an operational sorting center.

14. TRANSPORT INFORMATION

The product is not classified as dangerous to date according to international and French regulations for road, sea, air transport, or for inland navigation.

15. REGULATORY INFORMATION

The product is not classified according to the European directives on dangerous substances and according to the CLP (Classification Labelling and Packaging) regulation 1272/2008.

In accordance with REACH regulation 1907/2006/EC, the product is an article that does not contain substances intended to be released under normal or reasonably foreseeable conditions of use.

In accordance with the list of candidate substances subject to authorization according to REACH Regulation (Article 59.1), the product does not contain an SVHC (Substance of Very High Concern) at a concentration greater than 0.1% by mass.

16. OTHER DATA

Risk phrases mentioned in this document :

H224	Extremely flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	Can cause skin allergy
H318	Causes serious eye damage
H335	May irritate the respiratory tract
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects

Furthermore, all of these indications are based on the current state of our knowledge. It does not constitute a guarantee as to the properties of the product and does not give rise to a contractual legal relationship.