

# Mineral wool products / FS boards / Insulated sleeve/ Cavity Barrier

## Product Safety Information Sheet

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis  
Issue date: 04.07.2025      Revision date: 04.07.2025      Supersedes version of: 06.05.2024      Version: 1.9

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

#### 1.1. Product identifier

Product form	Article
Product name	Mineral wool products / FS boards / Insulated sleeve/ Cavity Barrier
Product code	BU Fire Protection Article
Other means of identification	Mineral wool products: CP 777 CP 767 CFS-TTS MD P CFS-TTS MD C CFS-CO Mineral wool FS boards: CP 670 CP 673 CP 676 CFS-CT B CFS-CT HDB Insulated sleeve: CP 645 Cavity Barrier: CFS-VB E60 CFS-VB E120 CFS-NVB E120

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec	For professional use only
Use of the substance/mixture	Construction products

##### 1.2.2. Uses advised against

Restrictions on use	Building and construction work
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#### 1.3. Details of the supplier of product safety information sheet

Supplier	Department issuing data specification sheet
Hilti (Switzerland) Ltd. Kalchbühlstrasse 22 CH 8038 Zurich Switzerland T +41 844 84 84 85, F +41 844 84 84 86 <a href="mailto:info@hilti.ch">info@hilti.ch</a>	Hilti AG Feldkircherstraße 100 FL 9494 Schaan Liechtenstein T +423 234 2111 <a href="mailto:product.compliance-fire.protection@hilti.com">product.compliance-fire.protection@hilti.com</a>

#### 1.4. Emergency telephone number

Emergency number	Emergency CONTACT (24-Hour-Number): GBK GmbH Global Regulatory Compliance +49 (0)6132-84463
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### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Extra phrases	A Safety Data Sheet is not required due to the classification of these products as "articles" according to Regulation (EC) No. 1907/2006 of 18 December 2006 (EU) / 29CFR
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1910.1200 (U.S.A.). Consequently, these products are exempted from CLP / OSHA Labeling and SDS requirements.

### 2.3. Other hazards

Other hazards which do not result in classification A Safety Data Sheet is not required due to the classification of these products as "articles" according to Regulation (EC) No. 1907/2006 of 18 December 2006 (EU) / 29CFR 1910.1200 (U.S.A.). Consequently, these products are exempted from CLP / OSHA Labeling and SDS requirements.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
formaldehyde ...% (50-00-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the Nota Q conditions	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

Component	
Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the Nota Q conditions	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605
formaldehyde ...% (50-00-0)	The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	Conc.	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the Nota Q conditions	EC-No.: 926-099-9 REACH-no: 01-2119472313-44	$\geq 60$	Not classified

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Name	Product identifier	Conc.	Classification according to Regulation (EC) No. 1272/2008 [CLP]
formaldehyde ...%	CAS-No.: 50-00-0 EC-No.: 200-001-8 EC Index-No.: 605-001-00-5	< 0.01	Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Acute Tox. 3 (Dermal), H311 (ATE=270 mg/kg bodyweight) Acute Tox. 3 (Inhalation:dust,mist), H331 (ATE=0.5 mg/l/4h) Skin Corr. 1B, H314 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1B, H350 STOT SE 3, H335 Aquatic Chronic 3, H412

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
formaldehyde ...%	CAS-No.: 50-00-0 EC-No.: 200-001-8 EC Index-No.: 605-001-00-5	(0.2 ≤ C ≤ 100) Skin Sens. 1; H317 (5 ≤ C < 25) Eye Irrit. 2; H319 (5 ≤ C < 25) Skin Irrit. 2; H315 (5 ≤ C ≤ 100) STOT SE 3; H335 (25 ≤ C ≤ 100) Skin Corr. 1B; H314

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Allow the victim to rest.
First-aid measures after skin contact	Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	Rinse mouth out with water. Drink plenty of water.

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

Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	The product itself does not burn. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions	Prevent fire fighting water from entering the environment.
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Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Protective equipment	Wear recommended personal protective equipment.
Emergency procedures	Evacuate unnecessary personnel.
Measures in case of dust release	Wear suitable respiratory protection.

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

No additional information available

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Minimise generation of dust.
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#### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures.

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

Storage conditions	Keep container closed when not in use. Avoid creating or spreading dust. Store in a dry place.
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#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. National occupational exposure and biological limit values

formaldehyde ...% (50-00-0)	
EU - Binding Occupational Exposure Limit (BOEL)	
Local name	Formaldehyde
BOEL TWA	0.37 mg/m³
	0.62 mg/m³ (Limit value for the health care, funeral and embalming sectors until 11 July 2024)
	0.3 ppm
BOEL STEL	0.5 ppm (Limit value for the health care, funeral and embalming sectors until 11 July 2024)
	0.74 mg/m³
	0.6 ppm

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formaldehyde ...% (50-00-0)	
Notes	Dermal sensitisation (The substance can cause sensitisation of the skin)
Regulatory reference	DIRECTIVE (EU) 2019/983 (amending Directive 2004/37/EC)
Switzerland - Occupational Exposure Limits	
Local name	Formaldéhyde
MAK (OEL TWA)	0.37 mg/m <sup>3</sup>
	0.3 ppm
KZGW (OEL STEL)	0.74 mg/m <sup>3</sup>
	0.6 ppm
Critical toxicity	Yeux / Auge
Notation	S, C1 <sup>#</sup> <sub>B</sub> , SSc / S, C1 <sup>#</sup> <sub>B</sub> , SSc
Remark	4x15
Regulatory reference	www.suva.ch, 01.01.2023
Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the Nota Q conditions	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Man made mineral fibers (MMMF)
IOEL TWA	1 fibers/mL
Remark	(Year of adoption 2012)
Regulatory reference	SCOEL Recommendations

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No additional information available

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure. Protective clothing. Gloves. Safety glasses.

#### Personal protective equipment symbol(s):



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### 8.2.2.1. Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses

### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Wear protective gloves.

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves					EN 388

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of dust formation use respirator with filter: Dust production: dust mask with filter type P2

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Solid
Colour	Various colours.
Appearance	Fibrous.
Odour	odourless.
Odour threshold	Not available
Melting point	> 1000 °C
Freezing point	Not available
Boiling point	Not available
Flammability	Not flammable, Non flammable.
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
pH	Not available
pH solution	Not available
Viscosity, kinematic	Not applicable
Solubility	Insoluble.
Partition coefficient n-octanol/water (Log Kow)	Not available
Vapour pressure	Not available
Vapour pressure at 50°C	Not available
Density	Not available

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Relative density	20 – 250 kg/m <sup>3</sup>
Relative vapour density at 20°C	Not applicable
Particle size	Not available
Particle size distribution	Not available
Particle shape	Not available
Particle aspect ratio	Not available
Particle specific surface area	Not available
Particle dustiness	Not available

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

formaldehyde ...% (50-00-0)	
LD50 oral	600 mg/kg
LD50 dermal	270 mg/kg
LC50 Inhalation - Rat [ppm]	480 ppm

Skin corrosion/irritation	Not classified
Additional information	Based on available data, the classification criteria are not met Dust from this product may cause skin irritation
Serious eye damage/irritation	Not classified
Additional information	Based on available data, the classification criteria are not met Dust from this product may cause eye irritation

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Respiratory or skin sensitisation	Not classified
Additional information	Based on available data, the classification criteria are not met Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure
Germ cell mutagenicity	Not classified
Additional information	Based on available data, the classification criteria are not met
Carcinogenicity	Not classified
Additional information	Based on available data, the classification criteria are not met

formaldehyde ...% (50-00-0)	
IARC group	1 - Carcinogenic to humans

Reproductive toxicity	Not classified
Additional information	Based on available data, the classification criteria are not met
STOT-single exposure	Not classified
Additional information	Based on available data, the classification criteria are not met

formaldehyde ...% (50-00-0)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure	Not classified
Additional information	Based on available data, the classification criteria are not met
Aspiration hazard	Not classified
Additional information	Based on available data, the classification criteria are not met

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

#### 11.2.2. Other information

Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met
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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified

formaldehyde ...% (50-00-0)	
EC50 - Crustacea [1]	2 mg/l
NOEC chronic crustacea	1 mg/l

### 12.2. Persistence and degradability

Mineral wool products / FS boards / Insulated sleeve/ Cavity Barrier	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

Mineral wool products / FS boards / Insulated sleeve/ Cavity Barrier	
Bioaccumulative potential	Not established.



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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

Mineral wool products / FS boards / Insulated sleeve/ Cavity Barrier
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations  
European List of Waste (LoW, EC 2000/532)

Dispose in a safe manner in accordance with local/national regulations.  
17 06 04 - insulation materials other than those mentioned in 17 06 01 and 17 06 03

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID /

ADR	IMDG	IATA	RID
<b>14.1. UN number or ID number</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

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### Rail transport

Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Not applicable.

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

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Indication of changes			
Section	Changed item	Change	Comments
			product name update

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### Data sources

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

### Other information

None.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Carc. 1B	Carcinogenicity, Category 1B
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H412	Harmful to aquatic life with long lasting effects.

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