

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

## Product Safety Information Sheet

A safety data sheet is not required for this product. This Product Safety Information Sheet has been created on a voluntary basis  
Issue date: 02/06/2025      Revision date: 02/06/2025      Supersedes: 12/06/2024      Version: 1.7

### SECTION 1: Identification

#### 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. Recommended use and restrictions on use

Restrictions on use	Building and construction work
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#### 1.3. Supplier

<b>Supplier</b> Hilti (Canada) Corp. 2201 Bristol Circle Suite 700 CA L6H 0J8 Oakville, Ontario Canada T +1905 8139200 1-800-363-4458 toll free, F +1 905 813 9009 <a href="mailto:ca-sales@hilti.com">ca-sales@hilti.com</a>	<b>Department issuing data specification sheet</b> 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>
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#### 1.4. Emergency telephone number

Emergency number	Emergency CONTACT (24-Hour-Number) GBK/Infotrac ID 101022 (USA domestic) 1 800 535 5053 or international (001) 352 323 3500
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### SECTION 2: Hazard identification

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

##### Classification (GHS CA)

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS CA labelling

No labelling applicable



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### 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.

### 2.4. Unknown acute toxicity (GHS CA)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
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	-	-	≥ 60	Not classified
formaldehyde ...%	formaldehyde ...%	CAS-No.: 50-00-0	< 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1B, H350

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

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.
First-aid measures general	Never give anything by mouth to an unconscious person.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use.
Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met.

### 4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment	Treat symptomatically.
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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

Suitable extinguishing media The product itself does not burn. Foam. Dry powder. Carbon dioxide. Water spray. Sand.

#### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media Do not use a heavy water stream.

#### 5.3. Specific hazards arising from the hazardous product

No additional information available

#### 5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions Prevent fire fighting water from entering the environment.  
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

No additional information available

#### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up Minimise generation of dust.

#### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/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.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

formaldehyde ...% (50-00-0)	
<b>Canada (Alberta) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL TWA	0.9 mg/m <sup>3</sup>
	0.75 ppm
OEL C	1.3 mg/m <sup>3</sup>
	1 ppm
Notations and remarks	Carcinogenicity A2



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formaldehyde ...% (50-00-0)	
Regulatory reference	Alberta Regulation 191/2021
<b>Canada (Quebec) - Occupational Exposure Limits</b>	
Local name	Formaldehyde (Formic aldehyde)
Plafond (OEL C)	1.5 ppm
Notations and remarks	C2, EM, RP, S(D), S(R)
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
<b>Canada (British Columbia) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL TWA	0.1 ppm
OEL STEL	0.3 ppm
Notations and remarks	ACGIH Carcinogenicity category A1, IARC group 1 carcinogen; S(D) (dermal sensitization); S(R) (respiratory sensitization)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
<b>Canada (Manitoba) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL TWA	0.1 ppm
OEL STEL	0.3 ppm
Notations and remarks	TLV® Basis: URT & eye irr; URT cancer. Notations: DSEN; RSEN; A1 (Confirmed Human Carcinogen)
Regulatory reference	ACGIH 2023
<b>Canada (New Brunswick) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL C	0.3 ppm
Notations and remarks	URT & eye irr; SEN; A2
<b>Canada (Newfoundland and Labrador) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL TWA	0.1 ppm
OEL STEL	0.3 ppm
Notations and remarks	TLV® Basis: URT & eye irr; URT cancer. Notations: DSEN; RSEN; A1 (Confirmed Human Carcinogen)
Regulatory reference	ACGIH 2023
<b>Canada (Nova Scotia) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL TWA	0.1 ppm



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formaldehyde ...% (50-00-0)	
OEL STEL	0.3 ppm
Notations and remarks	TLV® Basis: URT & eye irr; URT cancer. Notations: DSEN; RSEN; A1 (Confirmed Human Carcinogen)
Regulatory reference	ACGIH 2023
<b>Canada (Nunavut) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL C	0.3 ppm
Notations and remarks	SEN, Designated substance
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
<b>Canada (Northwest Territories) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL C	0.3 ppm
Notations and remarks	SEN, Designated substance
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
<b>Canada (Ontario) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL TWAEV	1 ppm
OEL C	1.5 ppm
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
<b>Canada (Prince Edward Island) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL TWA	0.1 ppm
OEL STEL	0.3 ppm
Notations and remarks	TLV® Basis: URT & eye irr; URT cancer. Notations: DSEN; RSEN; A1 (Confirmed Human Carcinogen)
Regulatory reference	ACGIH 2023
<b>Canada (Saskatchewan) - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OEL C	0.3 ppm
Notations and remarks	SEN, Designated Chemical Substance
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

### 8.2. Appropriate engineering controls

No additional information available

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### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

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

<b>Hand protection:</b>				
Wear protective gloves.				
Type	Material	Permeation	Thickness (mm)	Penetration
Reusable gloves				

<b>Eye protection:</b>
Chemical goggles or safety glasses

<b>Skin and body protection:</b>
Wear suitable protective clothing

<b>Respiratory protection:</b>
In case of dust formation use respirator with filter: Dust production: dust mask with filter type P2

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



#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

Physical state	Solid
Appearance	Fibrous.
Colour	Various colours
Odour	odourless
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Relative evaporation rate (ether=1)	No data available
Melting point	> 1000 °C
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available



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Flammability (solid, gas)	Not flammable, Non flammable.
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	20 – 250 kg/m <sup>3</sup>
Solubility	Insoluble.
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	No data available
Explosive limits	No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

Reactivity	No additional information available
Chemical stability	Stable under normal conditions of use.
Possibility of hazardous reactions	Stable under normal conditions of use.
Conditions to avoid	No information available.
Incompatible materials	No information available.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified

formaldehyde ...% (50-00-0)	
IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	Known Human Carcinogens

Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified



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Potential adverse human health effects and symptoms  
Symptoms/effects

Based on available data, the classification criteria are not met.

Not expected to present a significant hazard under anticipated conditions of normal use.

## 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.

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone Not classified

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN number			
Not applicable	Not applicable	Not applicable	Not applicable
14.2. Proper Shipping Name			
Not applicable	Not applicable	Not applicable	Not applicable





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TDG	DOT	IMDG	IATA
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

### 14.6. Special precautions for user

#### TDG

Not applicable

#### DOT

Not applicable

#### IMDG

Not applicable

#### IATA

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

### 15.1. National regulations

Mineral wool products / FS boards / Insulated sleeve/ Cavity Barrier	
Canada DSL NDSL Flags	All components of this product are listed, or excluded from listing, on the Canadian Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)
formaldehyde ...% (50-00-0)	
Listed on the Canadian DSL (Domestic Substances List)	

## SECTION 16: Other information

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Issue date	02-06-2025
Revision date	02-06-2025
Supersedes	12-06-2024

Indication of changes			
Section	Changed item	Change	Comments
			correction product names



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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-statements:	
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H341	Suspected of causing genetic defects.
H350	May cause cancer.

SDS\_CA\_Hilti

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.