

# CFP-ES Endo-Shield

## Safety Data 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: 07/21/2021

Version: 1.0

## SECTION 1: Identification

### 1.1. Product identifier

Product form	Article
Product name	CFP-ES Endo-Shield
Product code	BU Fire Protection_Safety Information



### 1.2. Recommended use and restrictions on use

### 1.3. Supplier

Supplier	Department issuing data specification sheet
Hilti (Canada) Corp. 2360 Meadowpine Boulevard L5N 6S2 Mississauga, Ontario - Canada T +1905 8139200 1-800-363-4458 toll free - F +1 905 813 9009	Hilti AG Feldkircherstraße 100 9494 Schaan - Liechtenstein T +423 234 2111 <a href="mailto:chemicals.hse@hilti.com">chemicals.hse@hilti.com</a>

### Department issuing data specification sheet

Hilti AG  
Feldkircherstraße 100  
9494 Schaan - Liechtenstein  
T +423 234 2111  
[chemicals.hse@hilti.com](mailto:chemicals.hse@hilti.com)

### 1.4. Emergency telephone number

Emergency number	Chem-Trec Tel.: 1 800 424 9300 (USA, PR, Virgin Islands, Canada) Tel.: 703 527 3887 (Other countries)
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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

### 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

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Alkaline earth silicate	AES (=alkaline earth silicate fibre) / AES wools (=alkaline earth silicate wools) / alkaline earth silicate wools / mineral wool, earth alkali silicate / synthetic fibers, alk. earth silicate	(CAS-No.) 436083-99-7	95 – 98	Not classified

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.

Symptoms/effects after inhalation

Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.

Symptoms/effects after skin contact

Product dust may cause mechanical irritation to the skin and mucous membranes.

Symptoms/effects after eye contact

Dust from this product may cause eye irritation.

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

No additional information available

### 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

#### 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.

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## 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 dust formation. Do not breathe dust. Avoid contact with skin and eyes. Limit use of power tools unless in conjunction with local exhaust ventilation. Use hand tools whenever possible.

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

No additional information available

### 8.2. Appropriate engineering controls

No additional information available

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

#### Personal protective equipment:

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

#### Hand protection:

Wear protective gloves.

Type	Material	Permeation	Thickness (mm)	Penetration
Reusable gloves				

#### Eye protection:

Chemical goggles or safety glasses. EN 166

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

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

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



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### Other information:

Limit use of power tools unless in conjunction with local exhaust ventilation. Use hand tools whenever possible.

## SECTION 9: Physical and chemical properties

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

Physical state	Solid
Appearance	No data available
Colour	white
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	1500 – 1550 °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
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour pressure at 50 °C	No data available
Relative density	2.6
Solubility	Insoluble.
Partition coefficient n-octanol/water (Log Pow)	No data available
Explosive limits	No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal use.
Conditions to avoid	No additional information available
Incompatible materials	No additional information available
Hazardous decomposition products	No hazardous decomposition products known.
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

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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
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met.
Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
Symptoms/effects after skin contact	Product dust may cause mechanical irritation to the skin and mucous membranes.
Symptoms/effects after eye contact	Dust from this product may cause eye irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified

### 12.2. Persistence and degradability

Alkaline earth silicate (436083-99-7)	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

Alkaline earth silicate (436083-99-7)	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone	Not classified
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## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
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### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID /

ADR	IMDG	IATA	RID
<b>14.1. UN 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

##### Rail transport

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

CFP-ES Endo-Shield	
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)
<b>Alkaline earth silicate (436083-99-7)</b>	
Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)	

#### 15.2. International regulations

Alkaline earth silicate (436083-99-7)
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

### SECTION 16: Other information

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*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.*