

# 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

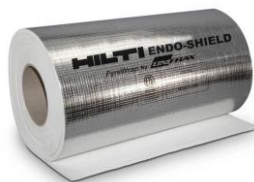
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Version: 1.0

### 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**  
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

**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<br>Tel.: 1 800 424 9300 (USA, PR, Virgin Islands, Canada)<br>Tel.: 703 527 3887 (Other countries) |
|------------------|---|

### 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 |
|-------|----------------|

## 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)

##### Alkaline earth silicate (436083-99-7)

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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Issue date

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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.*