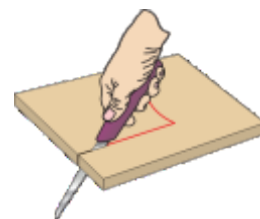




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# MATERIAL SAFETY DATA SHEET

## STOVE CARE FIRE BRICK



Compilation date: 16/01/2020

Revision No: 1

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

#### 1.1. Product identifier

**Product name:** VERMICULITE FIRE BOARD

**CAS number:** 1318-00-9

**EINECS number:** 603-518-0

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

**Use of substance / mixture:** High Temperature Insulating Applications

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Excel Industries  
Coolmine Industrial Estate  
Clonsilla Road  
Dublin  
D15N704  
Ireland  
**Tel:** +353 18118701  
**Fax:** +353 18118736  
**Email:** [sales@excel-industries.com](mailto:sales@excel-industries.com)

#### 1.4. Emergency telephone number

**Emergency tel:** +353 18118701  
(office hours only)

### Section 2: Hazards identification

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

**Classification under CLP:** This product has no classification under CLP.

#### 2.2. Label elements

**Label elements:**

**Precautionary statements:** P103: Read label before use.

P102: Keep out of reach of children.

P101: If medical advice is needed, have product container or label at hand.

**Haz. ingredients (label):** Not Classified

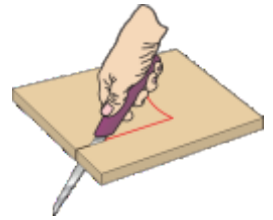
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## MATERIAL SAFETY DATA SHEET

### STOVE CARE FIRE BRICK



#### 2.3. Other hazards

**Other hazards:** According to the majority of notifications provided by companies to ECHA in CLP notifications no hazards have been classified. Routes of exposure: Inhalation of mechanically generated dust during cutting of the boards. Health hazards: Vermiculite is of low acute toxicity, but prolonged exposure to any mineral dust could cause respiratory problems. Symptoms of exposure:

(Acute effects): None known.

(Chronic effects): Possible impairment of lung function after long-term exposure to dust levels in excess of OES-TWA.

**PBT:** This product is not identified as a PBT/vPvB substance.

#### Section 3: Composition/information on ingredients

##### 3.1. Substances

**Chemical identity:** VERMICULITE FIRE BOARD

**CAS number:** 1318-00-9

**EINECS number:** 603-518-0

**Contains:** Vermiculite CAS No. 1318-00-9  
Mineral binding agents.

#### Section 4: First aid measures

##### 4.1. Description of first aid measures

**Skin contact:** Wash the affected areas of skin with water and mild soap. Do not use any other cleaning agents.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** If dust is inhaled in large quantities or irritation / discomfort occurs, allow the patient to rest in a well-ventilated room.

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

**Skin contact:** Non Toxic

**Eye contact:** No data available.

**Ingestion:** No data available.

**Inhalation:** (Acute effects): None known.  
(Chronic effects): Possible impairment of lung function after long-term exposure to dust levels in excess of OES-TWA.

**Delayed / immediate effects:** No data available.

##### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** No data available.

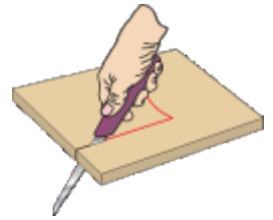
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# MATERIAL SAFETY DATA SHEET

## STOVE CARE FIRE BRICK



### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:** Not Flammable Suitable extinguishing media for the surrounding fire should be used.

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

**Exposure hazards:** Not applicable.

#### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Not applicable.

### Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

#### 6.2. Environmental precautions

**Environmental precautions:** Not applicable.

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

**Clean-up procedures:** Not applicable.

#### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**Handling requirements:** Avoid the creation and deposition of dust.

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

**Storage conditions:** Store in a dry place. Avoid damage to the packaging.

**Suitable packaging:** Must only be kept in original packaging.

#### 7.3. Specific end use(s)

**Specific end use(s):** High Temperature Insulating Applications

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Workplace exposure limits:** No data available.

#### DNEL/PNEC Values

**DNEL / PNEC** No data available.

#### 8.2. Exposure controls

**Engineering measures:** Use protective measures (e.g. extraction) to keep dust to a minimum.

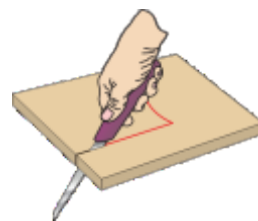
**Respiratory protection:** If dust are formed: Wear appropriate mask. (FFP3)

[cont...]



# MATERIAL SAFETY DATA SHEET

## STOVE CARE FIRE BRICK



**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Not applicable.

**Environmental:** No special requirement.

### Section 9: Physical and chemical properties

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

**State:** Solid

**Colour:** Beige

**Odour:** Odourless

**Evaporation rate:** Not applicable.

**Oxidising:** Not applicable.

**Solubility in water:** No data available.

**Viscosity:** Not applicable.

**Boiling point/range°C:** Not applicable.

**Flammability limits %: lower:** Not applicable.

**Flash point°C:** Not applicable.

**Autoflammability°C:** Not applicable.

**Relative density:** Not applicable.

**VOC g/l:** Not applicable.

**Melting point/range°C:** Not applicable.

**upper:** Not applicable.

**Part.coeff. n-octanol/water:** Not applicable.

**Vapour pressure:** Not applicable.

**pH:** Not applicable.

#### 9.2. Other information

**Other information:** Density: 0.3-0.9 g/cm

### Section 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

#### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

#### 10.4. Conditions to avoid

**Conditions to avoid:** None Known

#### 10.5. Incompatible materials

**Materials to avoid:** None

#### 10.6. Hazardous decomposition products

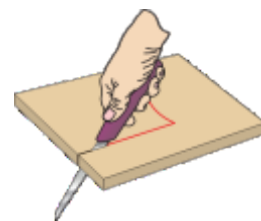
**Haz. decomp. products:** Not applicable.



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## MATERIAL SAFETY DATA SHEET

### STOVE CARE FIRE BRICK



#### Section 11: Toxicological information

##### 11.1. Information on toxicological effects

**Toxicity values:** No data available.

##### Symptoms / routes of exposure

**Skin contact:** Non Toxic

**Eye contact:** No data available.

**Ingestion:** No data available.

**Inhalation:** (Acute effects): None known.

(Chronic effects): Possible impairment of lung function after long-term exposure to dust levels in excess of OES-TWA.

**Delayed / immediate effects:** No data available.

**Other information:** Not applicable.

#### Section 12: Ecological information

##### 12.1. Toxicity

**Ecotoxicity values:** No data available.

##### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

##### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

##### 12.4. Mobility in soil

**Mobility:** Non-volatile.

##### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

##### 12.6. Other adverse effects

**Other adverse effects:** The constituents (mostly mineral) of these products are inert and stable.

#### Section 13: Disposal considerations

##### 13.1. Waste treatment methods

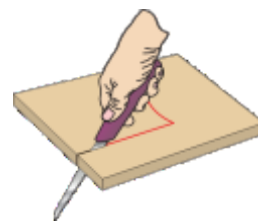
**Disposal operations:** These products contain no hazardous substances in the sense of the Dangerous Substance Directive and may be disposed of in an appropriate disposal site in keeping with official and local regulations.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.



# MATERIAL SAFETY DATA SHEET

## STOVE CARE FIRE BRICK



### Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

### Section 15: Regulatory information

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

**Specific regulations:** These products are not subject to labelling regulations as they contain no hazardous substances in the sense of the Hazardous Substances Directive or the corresponding EU directives.

#### 15.2. Chemical Safety Assessment

### Section 16: Other information

#### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.