SUPALUX® is an article within the meaning of REACH (REGULATION (EC) No 1907/2006) and CLP (REGULATION (EC) No 1272/2008). SDSs do not have to be provided for articles. Moreover this article, for which safety information is given, does not contain substances of very high concern, substances of which the use is restricted by the Commission or substances on the Candidate List of Substances of Very High Concern for Authorization (last updated list of 27.06.2018). Even if this article is not subjected to any obligation to classify or label (Art 4 of Regulation (EC) No 1272/2008), Promat has decided to supply certain information about identification, first aid and releases measures, exposure control, disposal and transport. This safety information supplies information to industrial and professional users on the safe use of this article.

SECTION 1: Identification of the article and of the company/undertaking

1.1. Product identifier
Product form : Article
Product name : SUPALUX®
Product group : Calcium Silicate board.

1.2. Relevant identified uses of the Article and uses advised against
1.2.1. Use of the Article
Main use category : Professional use
Function or use category : Fire Protective Board

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier
Etex Building Performance N.V.
Bormstraat 24
2830 Tisselt - BELGIUM
T +32 15 71 81 00 - F +32 15 71 81 09
info@promat-international.com - www.promat-international.com

Other
Etex Building Performance GmbH
Scheifenkamp 16
40878 Ratingen - Germany
T +49-2102 493 0 - F +49-2102 493 111
mail@promat.de - www.promat.de

Other
Etex Building Performance S.p.A. / Promat S.p.A.
Via Perlasca 14
27010 Vellezzo Bellini (PV) - Italy
T +39 0382 4575 245 - F +39 0382 4575 250
info@promat.it - www.promat.it

Other
Promat s.r.o.
Čkalova 22/784
16000 Prague 6 - Bubeneč - Czech Republic
T +420 224 390 811 - F +420 233 333 576
promat@promatpraha.cz - www.promatpraha.cz

Other
Etex Building Performance GmbH
St.-Peter-Straße 25
4021 Linz - Austria
T +43 732-6912-0
info.at@etexgroup.com - www.promat.at

Other
Promat AG
Stationstrasse 1
8545 Rickenbach Sulz - Switzerland
T +41 52 320 9400 - F +41 52 320 9402
office@promat.ch - www.promat.ch

Other
Promat Fire Protection LLC
Plot No. 597-921 Dubai Investment Park 2
123945 Dubai - United Arab Emirates
T +971 4 885 3070 - F +971 4 885 3588
info@promatfp.ae - www.promatmiddleeast.com

Other
Promat d.o.o.
Trata 50
4220 Skofja Loka - Slovenia
T +386 4 51 51 451 - F +386 4 51 51 450
info@promat-see.com - www.promat-see.com

Other
Promat Ibérica S.A.
C/ Velazquez, 47 – 6º Izquierda
28001 Madrid - Spain
T +34 91 781 1550 - F +34 91 575 15 97
info@promat.es - www.promat.es

Other
Promat TOP Sp. z.o.o.
ul. Przeclawska 8
03-879 Warszawa - Poland
T +48-22 212 2280 - F +48-22 212 2290
top@promattop.pl - www.promattop.pl

Other
Promat AG
Stationstrasse 1
8545 Rickenbach Sulz - Switzerland
T +41 52 320 9400 - F +41 52 320 9402
office@promat.ch - www.promat.ch

Other
Promat d.o.o.
Trata 50
4220 Skofja Loka - Slovenia
T +386 4 51 51 451 - F +386 4 51 51 450
info@promat-see.com - www.promat-see.com

Other
Promat AG
Stationstrasse 1
8545 Rickenbach Sulz - Switzerland
T +41 52 320 9400 - F +41 52 320 9402
office@promat.ch - www.promat.ch

Other
Promat d.o.o.
Trata 50
4220 Skofja Loka - Slovenia
T +386 4 51 51 451 - F +386 4 51 51 450
info@promat-see.com - www.promat-see.com

Other
Promat AG
Stationstrasse 1
8545 Rickenbach Sulz - Switzerland
T +41 52 320 9400 - F +41 52 320 9402
office@promat.ch - www.promat.ch

Other
Promat d.o.o.
Trata 50
4220 Skofja Loka - Slovenia
T +386 4 51 51 451 - F +386 4 51 51 450
info@promat-see.com - www.promat-see.com

Other
Promat AG
Stationstrasse 1
8545 Rickenbach Sulz - Switzerland
T +41 52 320 9400 - F +41 52 320 9402
office@promat.ch - www.promat.ch

Other
Promat d.o.o.
Trata 50
4220 Skofja Loka - Slovenia
T +386 4 51 51 451 - F +386 4 51 51 450
info@promat-see.com - www.promat-see.com
**SECTION 2: Hazards identification**

2.1. **Classification of the article**

Not applicable: articles are not subjected to any obligation to classify (Art 4 of Regulation (EC) No 1272/2008)

2.2. **Label elements**

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3. **Other hazards**

Other hazards not contributing to the classification:

- Generation of significant quantities of airborne dust is unlikely during normal handling. During machining the product (drilling, cutting, sanding, etc.), airborne dust can be released. As with most types of nuisance dust, excessive inhalation of dust may cause irritation of the bronchial tubes. Can occur: eye irritation, irritation of mucous membranes and skin irritation. The handling and machining of this product may lead to the release of quartz containing dust. The inhalation of dust containing quartz, in particular the fine (respirable) dust fraction, in high concentrations or over a prolonged period of time may lead to lung disease (silicosis) and an increased risk of lung cancer. When moistened by water or sweat, the Portland cement component may lead to skin inflammation, contact dermatitis or even delayed onset burns due to high alcalinity.

**SECTION 3: Composition/information on ingredients**

3.1. **Substances**

- Not applicable

3.2. **Mixtures**

- Not applicable

3.3. **Article components**

- Calcium silicate hydrates, cement, cellulose fibers, quartz, mineral fillers.

**SECTION 4: First aid measures**

4.1. **Description of first aid measures**

- First-aid measures general: Seek medical attention if ill effect or irritation develops.
- First-aid measures after inhalation: Remove to fresh air and drink water.
- First-aid measures after skin contact: Wash skin with plenty of water.
- First-aid measures after eye contact: Do not rub the eye. Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.

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

- Symptoms/effects after inhalation: May cause irritation to the respiratory tract and to other mucous membranes.
- Symptoms/effects after skin contact: May cause temporary irritation/skin rash. Repeated exposure may cause skin dryness or cracking.
  When moistened by water or sweat, the Portland cement component may lead to skin inflammation, contact dermatitis or even delayed onset burns due to high alcalinity.
- Symptoms/effects after eye contact: Eye contact with dust may lead to transient eye irritation or inflammation.
- Symptoms/effects after ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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: Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture
Fire hazard: The product is non-combustible. Packaging may burn.
Explosion hazard: Product is not explosive.

5.3. Advice for firefighters
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
General measures: Minimise generation of dust. Avoid breathing dusts. Avoid eye and skin contact. Dampen down any dust or use vacuum cleaner with correct filter.

6.1.1. For non-emergency personnel
Protective equipment: Use recommended respiratory protection.
Measures in case of dust release: Prevent spread of dust. Dampen down any dust or use vacuum cleaner with correct filter.

6.1.2. For emergency responders
Protective equipment: Use personal protective equipment as required.
Emergency procedures: Stop dust release.

6.2. Environmental precautions
Prevent spread of dust. Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up
For containment: Use closed containers to avoid dust release.
Methods for cleaning up: Shovel up small pieces. Dampen down any dust before putting into appropriate skips.

6.4. 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
Additional hazards when processed: Dust, generated during machining and processing must be exhausted and the regulatory occupational exposure limits (workplace exposure limits in UK) for total and respirable dust and respirable quartz dust must be respected.
Precautions for safe handling: Use always respiratory protective equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits or Workplace Exposure Limits in the UK (refer to local regulations). Collect dust with a vacuum cleaner or soak with water before sweeping up. Work in a well ventilated area. Use tools with appropriate dust exhaust equipment.
Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Store in dry, covered and frost proof area.

7.3. Specific end use(s)
Fire protection in buildings.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Crystalline silica (quartz) (14808-60-7)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EU</td>
<td>Local name</td>
</tr>
<tr>
<td>EU</td>
<td>Silica crystalline (Quartz)</td>
</tr>
<tr>
<td>Notes</td>
<td>(Year of adoption 2003)</td>
</tr>
<tr>
<td>Ireland</td>
<td>Local name</td>
</tr>
<tr>
<td>Ireland</td>
<td>Quartz, respirable dust, (see Silica, crystalline)</td>
</tr>
<tr>
<td>OEL (8 hours ref) (mg/m³)</td>
<td>0,1 mg/m³</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>Local name</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>Silica</td>
</tr>
<tr>
<td>WEL TWA (mg/m³)</td>
<td>0,1 mg/m³ respirable crystalline</td>
</tr>
<tr>
<td>Iceland</td>
<td>Local name</td>
</tr>
<tr>
<td>Iceland</td>
<td>Kvars</td>
</tr>
<tr>
<td>OEL (8 hours ref) (mg/m³)</td>
<td>0,3 mg/m³ heildarryk</td>
</tr>
<tr>
<td>Iceland</td>
<td>OEL (8 hours ref) (ppm)</td>
</tr>
</tbody>
</table>
### SUPALUX®

**Safety information**

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

---

<table>
<thead>
<tr>
<th>Cellulose (9004-34-6)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ireland</strong></td>
</tr>
<tr>
<td><strong>Ireland</strong></td>
</tr>
<tr>
<td><strong>Ireland</strong></td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Silicic acid, calcium salt (1344-95-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ireland</strong></td>
</tr>
<tr>
<td><strong>Ireland</strong></td>
</tr>
<tr>
<td><strong>Ireland</strong></td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Potassium Aluminium Silicate (12001-26-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ireland</strong></td>
</tr>
<tr>
<td><strong>Ireland</strong></td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
</tr>
<tr>
<td><strong>United Kingdom</strong></td>
</tr>
</tbody>
</table>

**Occupational Exposure Limits / Workplace Exposure Limits for particles not otherwise classified or regulated (nuisance dust):**

- in UK: Inhalable: 10 mg/m³. Respirable: 4 mg/m³
- in Ireland: Inhalable: 10 mg/m³. Respirable: 4 mg/m³

**Additional information:**

Ensure all national/local regulations are observed.

---

#### 8.2. Exposure controls

**Appropriate engineering controls:**

Ensure vacuum dust exhaust with correct filter when using motorised machining tools. When machining boards (drilling, cutting, sanding, etc.), respect Occupational Exposure Limits (OEL) or Workplace Exposure Limits (WEL in the UK) for inhalable and respirable dust and for respirable quartz dust. Check the latest Occupational Exposure Limits (OEL) or Workplace Exposure Limits (WEL in the UK) for airborne contaminants that are applicable in your country.

**Eye protection:**

Avoid contact with eyes. Use safety glasses whenever tools are used and dusts are produced.

**Skin and body protection:**

Avoid contact with skin. Use working clothes and gloves to protect against mechanical injury and direct skin contact.

**Respiratory protection:**

Avoid breathing dusts. Use appropriate respiratory equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits or Workplace Exposure Limits for the UK (e.g. for exposures up to 10 times the OEL (WEL) use at least a P2 type dust mask. For higher exposure, use a P3 type mask).

---

**Environmental exposure controls:**

Avoid release to the environment.

**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:**

Board

**Colour:**

Off-white

**Odour:**

None

**Odour threshold:**

No data available

**pH:**

7 - 10

**Relative evaporation rate (butylacetate=1):**

Not applicable

**Relative evaporation rate (ether=1):**

Not applicable

**Melting point:**

No data available

**Freezing point:**

No data available
SUPALUX®
Safety information

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>≈ 950 kg/m³</td>
</tr>
<tr>
<td>Solubility</td>
<td>insoluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials
Strong acids.

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 toxicological effects

Acute toxicity: Not classified
No acute toxicity has been reported, apart from some exceptional cases of transient eye irritation or inflammation, skin irritation or irritation of the mucosae (throat, bronchial tubes) by excessive exposure to dust.

Skin corrosion/irritation: Not classified
pH: 7 - 10

Serious eye damage/irritation: Not classified
pH: 7 - 10

Respiratory or skin sensitisation: 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
### Other information

The inhalation of quartz containing dust, in particular the fine dust fraction (respirable size), in high concentrations or over repeated or prolonged periods of time can be hazardous to health and may lead to chronic lung disease and an increased risk of lung cancer. This risk will be minimal if correct working practices are observed and applied. (Refer to Section 8). According to the International Agency for Research on Cancer (IARC Monograph Volume 100C - 2012) “Crystalline silica inhaled in the form of quartz or cristobalite is carcinogenic to humans (Group 1).”

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general: No known effects.

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

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

No additional information available

#### 12.6. Other adverse effects

Other adverse effects: No information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods: Handle as construction industry waste.

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

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

<table>
<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
<th>ADN</th>
<th>RID</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1.</td>
<td>UN number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Not regulated for transport</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.2.</td>
<td>UN proper shipping name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.3.</td>
<td>Transport hazard class(es)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.4.</td>
<td>Packing group</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.5.</td>
<td>Environmental hazards</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dangerous for the environment: No</td>
<td>Dangerous for the environment: No</td>
<td>Dangerous for the environment: No</td>
<td>Dangerous for the environment: No</td>
</tr>
<tr>
<td></td>
<td>Marine pollutant: No</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

No supplementary information available

#### 14.6. Special precautions for user

- **Overland transport**
  No data available

- **Transport by sea**
  No data available

- **Air transport**
  No data available

- **Inland waterway transport**
  Carriage prohibited (ADN): No
  Not subject to ADN: No
SUPALUX®
Safety information
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

- **Rail transport**
  Carriage prohibited (RID) : No

14.7. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
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**
Contains no substance on the REACH candidate list

15.1.2. **National regulations**
No additional information available

15.2. **Chemical safety assessment**
No chemical safety assessment has been carried out

**SECTION 16: Other information**

Safety information applicable for regions : CY;GB;GI;IE;IS;MT

**DISCLAIMER OF LIABILITY**

The Safety Information given in this document was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This Safety Information was prepared and is to be used only for this product. If the product is used as a component in another product, this Safety Information may not be applicable.

This data sheet and the information it contains is not intended to supersede any terms or conditions of sale and does not constitute a specification. Nothing contained herein is to be construed as a recommendation for use in violation of any patent or applicable laws or regulations.