

PROMATECT®-250 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 7.07.2017). 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 several 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    | : PROMATECT®-250                 |
| Type of product | : Self-supporting mineral board. |
| Product group   | : Fire Protective 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              |
| Use of the substance/mixture | : Fire protection in buildings. |

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

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##### Other

# PROMATECT®-250

## Safety information

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

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### 1.4. Emergency telephone number

Emergency number : +32 15 71 81 00  
During office hours:  
Monday-Friday: 8.00 a.m. - 4.30 p.m. (MEZ) .  
Language  
English  
French  
Dutch

## SECTION 2: Hazards identification

### 2.1. Classification of the article

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

This product does not meet the criteria for classification in any hazard class according to the CLP Regulation No (EC) 1272/2008 on classification, labelling and packaging.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects : For the installed product in its final application: no hazards known.  
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.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Not applicable

### 3.3. Article

Components : Calcium silicate hydrates, calcium sulphate hydrates, cellulose fibres and glass fibres.

## 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.  
First-aid measures after ingestion : Rinse mouth. Drink water.

### 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 : Prolonged skin contact may lead to skin irritation for sensitive persons.  
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.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media can be used.

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

Fire hazard : Nothing to report.  
Explosion hazard : Product is not explosive.  
Reactivity in case of fire : The product is non-combustible.  
Hazardous decomposition products in case of fire : Not combustible.

#### 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 : Minimize 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.

#### 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 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. Ensure good ventilation of the work station. 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

| Silicic acid, calcium salt (1344-95-2) |                                        |                                                                       |
|----------------------------------------|----------------------------------------|-----------------------------------------------------------------------|
| Ireland                                | Local name                             | Calcium silicate Synthetic non fibrous                                |
| Ireland                                | OEL (8 hours ref) (mg/m <sup>3</sup> ) | 0,5 mg/m <sup>3</sup> R (Respirable)<br>1 fibers/cm <sup>3</sup>      |
| United Kingdom                         | Local name                             | Calcium silicate                                                      |
| United Kingdom                         | WEL TWA (mg/m <sup>3</sup> )           | 10 mg/m <sup>3</sup> inhalable dust<br>4 mg/m <sup>3</sup> respirable |
| Calcium sulfate (7778-18-9)            |                                        |                                                                       |
| Ireland                                | Local name                             | Calcium sulphate                                                      |

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| Calcium sulfate (7778-18-9) |                                        |                      |
|-----------------------------|----------------------------------------|----------------------|
| Ireland                     | OEL (8 hours ref) (mg/m <sup>3</sup> ) | 10 mg/m <sup>3</sup> |

Occupational Exposure Limits / Workplace Exposure Limits for particles not otherwise classified or regulated (nuisance dust) : - in UK: Inhalable: 10 mg/m<sup>3</sup>. Respirable: 4 mg/m<sup>3</sup>  
- in Ireland: Inhalable: 10 mg/m<sup>3</sup>. Respirable: 4 mg/m<sup>3</sup>

### 8.2. Exposure controls

Appropriate engineering controls : 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. Check the latest Occupational Exposure Limits (OEL) or Workplace Exposure Limits (WEL in the UK) for airborne contaminants that are applicable in your country.

Personal protective equipment : Ensure vacuum dust exhaust with correct filter when using motorised machining tools. Dust formation: dust mask.

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 duct mask. For higher exposure, use a P3 type mask).



Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state : Solid

Appearance : Board.

Colour : Off-white.

Odour : odourless.

Odour threshold : No data available

pH : ≈ 9

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : Not applicable

Boiling point : No data available

Flash point : No data available

Auto-ignition temperature : Not applicable

Decomposition temperature : No data available

Flammability (solid, gas) : Not flammable

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Density : ≈ 750 kg/m<sup>3</sup>

Solubility : No data available

Log Pow : No data available

Viscosity, kinematic : Not applicable

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : Not applicable

### 9.2. Other information

Other properties : Not combustible.

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### 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<br>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<br>pH: $\approx$ 9                                                                                                                                                                                                                          |
| Serious eye damage/irritation     | : Not classified<br>pH: $\approx$ 9                                                                                                                                                                                                                          |
| 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 fibres used in this product do not meet the definition of critical or respirable fibre as defined by WHO convention because of their large diameter. Because the fibres are considered as non-respirable, they are not expected to pose a cancer risk. |

### 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. |
|-------------------|-------------------------------------------------------------------------------------------------------------------------|

#### 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

No additional 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. |

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### SECTION 14: Transport information

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

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

#### - 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

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