

### Safety information

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Revision date: 3/12/2025 Supersedes version of: 10/5/2022 Version: 2.0

PROMATECT®-L500 is an article within the meaning of REACH (REGULATION (EC) No 1907/2006) and as retained in UK law according to Statutory Instrument 2019 No 758 The REACH etc (Amendment etc) (EU Exit) Regulations 2019 ("UK REACH Regulation"). Safety data sheets 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 UK Regulator or substances on the Candidate List of Substances of Very High Concern for Authorisation. Even if this article is not subjected to any obligation to classify or label (Art 4 of Regulation (EC) No 1272/2008 and its equivalent retained in UK law), Promat has decided to provide information about identification, first aid and release measures, exposure control, disposal and transport.

This safety information sheet gives details to industrial and professional users on the safe use of this article. Throughout this document, references to EU Regulation include the equivalent regulations retained in UK law after 31 December 2020.

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

### 1.1. Product identifier

Product form : Article  
Product name : PROMATECT®-L500  
Product group : Medium dense 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  
BE 2830 Tiselt  
BELGIUM  
T +32 15 71 81 00, F +32 15 71 81 09  
[info@promat-international.com](mailto:info@promat-international.com), [www.promat-international.com](http://www.promat-international.com)

#### Other

Etex Building Performance Limited  
Gordano House, Marsh Lane, Easton-in-Gordano  
Eastern Road  
GB BS20 0NE Bristol, Berkshire  
UNITED KINGDOM  
T +44 (0800) 373 636  
[marketinguk@promat.co.uk](mailto:marketinguk@promat.co.uk), [www.promat.co.uk](http://www.promat.co.uk)

#### Other

Promat UK Limited Ltd  
B1 The Innovation Centre, Pilsworth Road - Heywood Distribution Park  
Pilsworth Road  
GB OL10 2TS Heywood  
UNITED KINGDOM  
T +44 (0)800 588 4444  
[sales@promat.co.uk](mailto:sales@promat.co.uk)

### 1.4. Emergency telephone number

Emergency number : Please contact a regional poison center or emergency telephone number.

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD 2090 Msida	+356 2545 6508	

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United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor
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## SECTION 2: Hazards identification

### 2.1. Classification of the article

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

Not classified

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

Not Applicable according to the CLP Regulation No (EC) 1272/2008.

No labelling applicable

### 2.3. Other hazards

Other hazards which do not result in classification : 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. 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.

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Not applicable

### 3.3. Article

Components : Calcium silicate hydrates, cellulose fibres, glass fibres, 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.
First-aid measures after ingestion	: Drink water.

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### 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.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: All extinguishing media can be used.
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### 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.

### 5.3. Advice for firefighters

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

General measures	: Minimise generation of dust. Avoid breathing dust. Avoid eye and skin contact. Dampen down any dust or use vacuum cleaner with correct filter.
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#### 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".

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

Fire protection in buildings.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

PROMATECT®-L500	
Ireland - Occupational Exposure Limits	
Assessed dust without specific effect (other particles, not classified anywhere else) (inhalable dust)	10 mg/m <sup>3</sup>
Assessed dust without specific effect (other particles, not classified anywhere else) (respirable dust)	4 mg/m <sup>3</sup>
United Kingdom - Occupational Exposure Limits	
Assessed dust without specific effect (other particles, not classified anywhere else) (inhalable dust)	10 mg/m <sup>3</sup>
Assessed dust without specific effect (other particles, not classified anywhere else) (respirable dust)	4 mg/m <sup>3</sup>
Crystalline silica (quartz) (14808-60-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Silica crystalline (Quartz)
IOEL TWA	0.1 mg/m <sup>3</sup> respirable
Remark	(Year of adoption 2003)
Regulatory reference	Directive EU 2017/2398
Ireland - Occupational Exposure Limits	
Local name	Quartz, respirable dust, (see Silica, crystalline)
OEL TWA	0.1 mg/m <sup>3</sup>
Remark	BOELV (Binding Occupational Exposure Limit Values)
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018

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Crystalline silica (quartz) (14808-60-7)	
United Kingdom - Occupational Exposure Limits	
Local name	Silica, respirable crystalline
WEL TWA (OEL TWA)	0.1 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering 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.

### 8.2.2. Personal protection equipment

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



#### 8.2.2.1. Eye and face protection

##### Eye protection:

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

#### 8.2.2.2. Skin protection

##### Skin and body protection:

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

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Avoid breathing dust. 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).

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during use.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Colour	: Off-white.
Appearance	: Board.
Odour	: None.
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not flammable
Explosive properties	: Not applicable.
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: ≈ 9
pH solution	: Not available
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Density	: ≈ 500 kg/m <sup>3</sup>
Relative density	: Not available
Relative vapour density at 20°C	: Not applicable
Particle size	: Not available

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

No additional information available

##### 9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: Not applicable
Relative evaporation rate (ether=1)	: Not applicable

### 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.

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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Additional information	: 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: ≈ 9
Serious eye damage/irritation	: Not classified pH: ≈ 9
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

#### Crystalline silica (quartz) (14808-60-7)

IARC group	1 - Carcinogenic to humans
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Viscosity, kinematic	Not applicable
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#### 11.2. Information on other hazards

##### 11.2.1. Endocrine disrupting properties

No additional information available

##### 11.2.2. Other information

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).".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.
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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: No known effects.
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

No additional information available

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### 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. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Other adverse effects : No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
European List of Waste (LoW, EC 2000/532) : Please refer to the European list (Decision N° 2000/532/CE) to identify the wastes appropriate waste number.  
17 09 04 - mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

## SECTION 14: Transport information

Not regulated for transport

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

### 14.1. UN number or ID number

UN-No. (ADR) : Not applicable  
UN-No. (IMDG) : Not applicable  
UN-No. (IATA) : Not applicable  
UN-No. (ADN) : Not applicable  
UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

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### ADN

Transport hazard class(es) (ADN) : Not applicable

### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable  
Packing group (ADN) : Not applicable  
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

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

##### REACH Annex XVII (Restriction List)

Not applicable.

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list.

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

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### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

#### Germany

Air Quality Control (TA Luft)					
Category	Class	Applicable on	Local name	Max. mass flow	Max. mass concentration

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

1.3. Details of the supplier of the safety data sheet. 8.1. Control parameters. 16. Other information.

#### Other information

: A safety data sheet is not required for this product under Article 31 of REACH. The safety data sheet has been created on a voluntary basis. Declaration on compliance with the DNSH criteria, Regulation (EU) 852/2020 and the principles set out in Appendix C of the delegated acts of the aforementioned Regulation.

I, the undersigned manufacturer, declare that the product referred to in this Safety Data Sheet does not contain:

- substances, either in their pure state or in mixtures or articles, listed in Annex I or II to Regulation (EU) 2019/1021 of the European Parliament and of the Council;
- mercury, mercury compounds, mercury mixtures and products with added mercury, as defined in Article 2 of Regulation (EU) 2017/852 of the European Parliament and of the Council;
- substances, either in their pure state or in mixtures or articles, listed in Annex I or II to Regulation (EC) No 1005/2009 of the European Parliament and of the Council;
- substances, whether on their own or in mixtures or in articles, listed in Annex II to Directive 2011/65/EU of the European Parliament and of the Council;
- substances, whether on their own or in mixtures or in an article, listed in Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council;
- substances, whether on their own or in mixtures or in an article, referred to in Article 57 of Regulation (EC) No 1907/2006 and identified in accordance with Article 59(1) of that Regulation;
- other substances, whether on their own or in mixtures or in an article, referred to in Article 57 of Regulation (EC) No 1907/2006.

### Full text of H- and EUH-statements:

EUH210	Safety data sheet available on request.
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Safety Data Sheet applicable for regions

: IE;MT;GB