

PROMASEAL®-PL 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. 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 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.

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

1.1. Product identifier

Product form : Article
Product name : PROMASEAL®-PL
Product group : Trade product

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 protection

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 GmbH
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Other

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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	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

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 which do not result in classification : No additional information available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Not applicable

3.3. Article

Components : Intumescent fire protection seal on basis of graphite that expands in case of fire.

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In case of doubt or persistent symptoms, consult always a physician.
First-aid measures after inhalation	: An inhalation hazard is not anticipated unless dust is generated. Move the affected person to the fresh air.
First-aid measures after skin contact	: Wash skin with plenty of water and soap.
First-aid measures after eye contact	: Do not rub the eye. Rinse immediately with plenty of water.
First-aid measures after ingestion	: Do not induce vomiting. Drink plenty of water. Seek medical advice.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
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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	: Water spray. Carbon dioxide. Dry powder.
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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO ₂). Phosphorus oxides.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: No special requirements.
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6.1.1. For non-emergency personnel

No additional information available.

6.1.2. For emergency responders

No additional information available.

6.2. Environmental precautions

Do not allow entry to drains, sewers, water courses or soil.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Mechanically recover the product. Dispose in a safe manner in accordance with local/national regulations.
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6.4. Reference to other sections

Personal protection: section 8; Product disposal: section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Avoid contact with skin and eyes. Avoid dust formation. Handle in accordance with good industrial hygiene and safety procedures.
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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 a dry, cool and well-ventilated place. Protect against frost. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

PROMASEAL®-PL	
EU - Indicative Occupational Exposure Limit (IOEL)	
Occupational Exposure Limits / Workplace Exposure Limits for particles not otherwise classified or regulated (nuisance dust)	- in UK: Inhalable: 10 mg/m ³ . Respirable: 4 mg/m ³ - in Ireland: Inhalable: 10 mg/m ³ . Respirable: 4 mg/m ³

Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18 % by weight (287922-11-6)

EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Man made mineral fibers (MMMF)
IOEL TWA	1 fibers/mL
Remark	(Year of adoption 2012)
Regulatory reference	SCOEL Recommendations
Ireland - Occupational Exposure Limits	
Local name	Machinemade mineral fibre (excluding refractory ceramicfibres) (MMMF)
OEL TWA [1]	5 mg/m ³
OEL TWA [2]	1 fibers/mL
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	MMMF (Machine-made mineral fibre)
WEL TWA (OEL TWA) [1]	5 mg/m ³ (except for refractory ceramic fibres and special purpose fibres)
WEL TWA (OEL TWA) [2]	2 fibers/mL (except for refractory ceramic fibres and special purpose fibres)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Calcium sulfate (7778-18-9)

Ireland - Occupational Exposure Limits	
Local name	Calcium sulphate
OEL TWA [1]	10 mg/m ³
Regulatory reference	Chemical Agents Code of Practice 2020

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Aluminium hydroxide, Aluminium trihydrate (21645-51-2)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	10 mg/m ³
WEL STEL (OEL STEL)	4 mg/m ³

KAOLIN (1332-58-7)	
Ireland - Occupational Exposure Limits	
Local name	Kaolin, respirable dust
OEL TWA [1]	2 mg/m ³
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Kaolin
WEL TWA (OEL TWA) [1]	2 mg/m ³ respirable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). 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

No additional information available.

8.2.2. Personal protection equipment

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. Wear suitable work clothes. Wash contaminated clothing before reuse.

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

Not required for normal conditions of use. 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).

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8.2.2.4. Thermal hazards

No additional information available.

8.2.3. Environmental exposure controls

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
Colour	: Grey.
Appearance	: Solid flexible laminate.
Odour	: odourless.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Explosive properties	: Not explosive.
Explosive limits	: Not applicable
Lower explosive limit (LEL)	: Not applicable
Upper explosive limit (UEL)	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Material nearly insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 1 g/cm ³
Relative density	: Not available
Relative vapour density at 20 °C	: Not applicable
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: 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

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

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10.2. Chemical stability

Stable under normal conditions. Material foams up at approximately 150°C.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

High temperature. Avoid dust formation.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

No additional information available.

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	: Dust from this product may cause irritation to the respiratory tract

Aluminium hydroxide, Aluminium trihydrate (21645-51-2)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
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Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Additional information	: Eye irritation by mechanical friction is possible.
Respiratory or skin sensitisation	: The material contains a substance which is classified as skin sensitiser. The substance is embedded in a polymer matrix, thereby sensitisation is not expected.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

Aluminium hydroxide, Aluminium trihydrate (21645-51-2)

NOAEL (animal/male, F0/P)	1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
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STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Aluminium hydroxide, Aluminium trihydrate (21645-51-2)

NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.07 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
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Aspiration hazard	: Not classified
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11.2. Information on other hazards

No additional information available.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No data available on ecotoxicity.
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.

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

No additional 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) code : 07 02 13 - waste plastic
17 02 03 - Plastic

SECTION 14: Transport information

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

14.1. UN number or ID number

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

14.2. UN proper shipping name

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

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14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not established.

IMDG

Transport hazard class(es) (IMDG) : Not established.

IATA

Transport hazard class(es) (IATA) : Not established.

ADN

Transport hazard class(es) (ADN) : Not established.

RID

Transport hazard class(es) (RID) : Not established.

14.4. Packing group

Packing group (ADR) : Not established.

Packing group (IMDG) : Not established.

Packing group (IATA) : Not established.

Packing group (ADN) : Not established.

Packing group (RID) : Not established.

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 established.

Transport by sea

Not established.

Air transport

Not established.

Inland waterway transport

Not established.

Rail transport

Not established.

14.7. Maritime transport in bulk according to IMO instruments

Not established.

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.

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

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.

15.1.2. National regulations

No additional information available.

15.2. Chemical safety assessment

No additional information available.

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SECTION 16: Other information

Indication of changes:

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

DISCLAIMER OF LIABILITY

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.