

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Mixture
Product name	: PROMASPRAY® P300
Type of product	: Fire protective spray.
Product group	: Trade product

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

1.2.1. Relevant identified uses

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

Etex France Building Performance S.A.
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fds.efbp@etexgroup.com - www.promat.fr

Other

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Other

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Other

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Other

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Other

Other

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

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 Msida	+356 2545 6504	
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 substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

Other hazards which do not result in classification : By handling and processing the product, airborne dust can be released. - As with most types of nuisance dust, excessive inhalation of dust may cause irritation of the airways. - Eye contact with dust may lead to transient eye irritation or inflammation. - Prolonged skin contact may lead to skin irritation.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not established.

3.2. Mixtures

Comments : Mixture of: Gypsum, additives

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ca(SO ₄).1/2H ₂ O (plaster of Paris) substance with national workplace exposure limit(s) (IE, GB)	(CAS-No.) 26499-65-0 (EC-No.) 607-950-0 (REACH-no) 01-2119444918-26	50 - 70	Not classified
Cellulose substance with national workplace exposure limit(s) (IE, GB)	(CAS-No.) 9004-34-6 (EC-No.) 232-674-9	≥ 5 – < 10	Not classified
Calcium carbonate substance with national workplace exposure limit(s) (IE, GB)	(CAS-No.) 1317-65-3 (EC-No.) 215-279-6	≥ 2.5 – < 5	Not classified
MICA substance with national workplace exposure limit(s) (IE, GB)	(CAS-No.) 12001-26-2	< 2	Not classified

Comments : The product does not contain any substances of very high concern (SVHC).
Natural contamination of some substances of the preparation with crystalline silica (quartz) could occur.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Rinse throat with water and blow nose to evacuate dust.
First-aid measures after skin contact : Remove all dust as much as possible. Wash skin with plenty of water. Remove contaminated clothing.
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 thoroughly with water. Seek medical advice.

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 : Contact may result in mechanical irritation.
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. The product is non-combustible. Packaging may burn. Use extinguishing agent suitable for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO₂). At high temperatures (>1200°C) sulphur trioxide will be produced.

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5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Do not breathe dust. Avoid contact with skin and eyes. Dampen down any dust or use vacuum cleaner with correct filter. Ventilate spillage area.
Measures in case of dust release : Prevent spread of dust.

6.1.2. For emergency responders

No additional information available.

6.2. Environmental precautions

Avoid release to the environment. Do not allow entry to drains, sewers, water courses or soil.

6.3. Methods and material for containment and cleaning up

For containment : Use closed containers to avoid dust release.
Methods for cleaning up : Dampen down any dust or use vacuum cleaner with correct filter. Minimise generation of dust. Collect spills and put it into appropriated container.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See sections 7, 8 and 11.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Avoid dust formation.
Precautions for safe handling : By generation of dust during processing, the regulatory Occupational Exposure Limits or Workplace Exposure Limits in the UK, for total and respirable dust must be respected. Work in a well ventilated area. Use tools with appropriate dust exhaust equipment. Use always respiratory protective equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits (refer to local regulations). Collect dust with a vacuum cleaner or soak with water before sweeping up. Avoid contact with skin and eyes. Avoid dust formation. Ensure prompt removal from eyes, skin and clothing.
Hygiene measures : Use good housekeeping practices to avoid rendering dust airborne. 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. Protect from moisture. Keep bags closed when not in use. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Fire protection in buildings.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Ca(SO4).1/2H2O (plaster of Paris) (26499-65-0)	
Ireland - Occupational Exposure Limits	
Local name	Plaster of Paris
OEL TWA [1]	10 mg/m ³ total inhalable dust 4 mg/m ³ respirable dust
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Plaster of Paris
WEL TWA (OEL TWA) [1]	10 mg/m ³ inhalable dust 4 mg/m ³ respirable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Cellulose (9004-34-6)	
Ireland - Occupational Exposure Limits	
Local name	Cellulose
OEL TWA [1]	10 mg/m ³
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Cellulose
WEL TWA (OEL TWA) [1]	10 mg/m ³ inhalable dust 4 mg/m ³ respirable
WEL STEL (OEL STEL)	20 mg/m ³ inhalable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
MICA (12001-26-2)	
Ireland - Occupational Exposure Limits	
Local name	Mica
OEL TWA [1]	3 mg/m ³ R (Respirable Fraction)
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Mica
WEL TWA (OEL TWA) [1]	0.8 mg/m ³ respirable 10 mg/m ³ total inhalable
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Calcium carbonate (1317-65-3)	
Ireland - Occupational Exposure Limits	
Local name	Calcium carbonate [Limestone, Marble]
OEL TWA [1]	10 mg/m ³ total inhalable dust 4 mg/m ³ respirable dust

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Calcium carbonate (1317-65-3)	
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Calcium carbonate (Limestone, Marble)
WEL TWA (OEL TWA) [1]	10 mg/m ³ total inhalable 4 mg/m ³ respirable
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

Appropriate engineering controls:

Provide local exhaust or general room ventilation during application and drying. When using, do not eat, drink or smoke.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses with side shields. Foresee eye cleaning on the workplace.

8.2.2.2. Skin protection

Skin and body protection:

Use loose work clothes with closed sleeves.

Hand protection:

Use chemical resistant, impermeable gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Provide by spray application improved respiratory protection by using at least a combination filter A/P2 or A/P3 or a supplied air system, depending on the extend of spray operation, duration of spraying, extend of aerosol formation, etc. Respiratory equipment required during spraying.

8.2.2.4. Thermal hazards

No additional information available.

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8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

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. When manipulating and processing the product, respect Occupational Exposure Limits (OEL) or Workplace Exposure Limits (WEL) for the UK, for inhalable and respirable dust. Check the latest Occupational Exposure Limits (OEL) or Workplace Exposure Limits (WEL) for the UK, for airborne contaminants that are applicable in your country. 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).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Off-white.
Appearance	: Flaky powder.
Odour	: odourless.
Odour threshold	: Not available
Melting point	: 1020 °C
Freezing point	: Not applicable
Boiling point	: Not available
Flammability	: Non flammable.
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	: 8 – 8.5 (in aqueous solution).
Viscosity, kinematic	: Not applicable
Solubility	: Slightly soluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 280 – 500 kg/m ³ (when sprayed)
Relative density	: Not applicable
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

Percent Solids :

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SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts exothermically with water (moisture).

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

Acids.

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

Calcium carbonate (1317-65-3)

LD50 oral rat	> 5000 mg/kg
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Skin corrosion/irritation : Irritating to skin if contact is prolonged or skin sensitive.
Serious eye damage/irritation : May lead to transient eye irritation or inflammation.
Respiratory or skin sensitisation : Irritating to skin if contact is prolonged or skin sensitive.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory tract irritation.

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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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11.2.2 Other information

Other information : No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation

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.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified

Calcium carbonate (1317-65-3)	
LC50 - Fish [1]	> 10000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l

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

Additional information : Avoid release to the environment. Do not allow entry to drains, sewers, water courses or soil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Handle as construction industry waste. Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Do not allow entry to drains, sewers, water courses or soil.
European List of Waste (LoW) code : Please refer to the European list (Decision N° 2000/532/CE) to identify the wastes appropriate waste number.
17 08 00 - gypsum-based construction material
17 08 02 - gypsum-based construction materials other than those mentioned in 17 08 01

SECTION 14: Transport information

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

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14.1. UN number or ID number

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

14.2. UN proper shipping name

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

14.3. Transport hazard class(es)

ADR	
Transport hazard class(es) (ADR)	: Not regulated.
IMDG	
Transport hazard class(es) (IMDG)	: Not regulated.
IATA	
Transport hazard class(es) (IATA)	: Not regulated.
ADN	
Transport hazard class(es) (ADN)	: Not regulated.
RID	
Transport hazard class(es) (RID)	: Not regulated.

14.4. Packing group

Packing group (ADR)	: Not regulated.
Packing group (IMDG)	: Not regulated.
Packing group (IATA)	: Not regulated.
Packing group (ADN)	: Not regulated.
Packing group (RID)	: Not regulated.

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 regulated.

Transport by sea

Not regulated.

Air transport

Not regulated.

Inland waterway transport

Not regulated.

Rail transport

Not regulated.

14.7. Maritime transport in bulk according to IMO instruments

Not established.

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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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances

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 chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

1. Identification of the substance/mixture and of the company/undertaking. 2. Hazards identification. 3. Composition/information on ingredients. 8. Exposure controls/personal protection. 11. Toxicological information. 16. Other information.

The classification complies with : ATP 12

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.