

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

1.1. Product identifier

Product form	: Substance
Trade name	: PROMAXON®-D
Chemical name	: Silicic acid, calcium salt (crystalline)
EC-No.	: 935-756-9
CAS-No.	: 1344-95-2
REACH registration No	: 01-2119990740-32-0000
Type of product	: Solid, dry powder.

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, Industrial use
Use of the substance/mixture	: Used for friction extender in brakepads and - linings, thixotropic agent in paints and coatings, parting agent for granulates, in dry liquid systems, flame retardant and drip suppressant in thermoplastics and for other applications.

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.
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fdssiniat@sinia.fr - www.promat.fr

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Other

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Other

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Other

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P.O. Box 123945
123945 Dubai - United Arab Emirates
T +97148853070 - F +97148853588
info@promatfp.ae - www.promatmiddleeast.com

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

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]

Serious eye damage/eye irritation, Category 2 H319
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Hazard statements (CLP) : H319 - Causes serious eye irritation.
Precautionary statements (CLP) : P264 - Wash contaminated skin thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type : Mono-constituent

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
PROMAXON®-D	(CAS-No.) 1344-95-2 (EC-No.) 935-756-9 (REACH-no) 01-2119990740-32-0000	80 – 100	Eye Irrit. 2, H319

Comments : Contains no other components or impurities which will influence the classification of the product

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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 : May cause temporary irritation/skin rash.
Symptoms/effects after eye contact : Causes serious eye irritation.

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. Use extinguishing media appropriate for surrounding fire.

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.

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.

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protective equipment. For further information refer to section 8: "Exposure controls/personal 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. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Stop dust release. Dampen down any dust or use vacuum cleaner with correct filter.

6.2. Environmental precautions

Do not release into the environment.

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 before putting into skips or use vacuum cleaner with correct filter.

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	: Avoid dust formation.
Precautions for safe handling	: Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing. Dust, generated during handling and processing must be exhausted and the regulatory Occupational Exposure Limits 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.
Hygiene measures	: Keep away from food, drink and animal feeding stuffs. 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. Carefully close bags after use.
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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

PROMAXON®-D (1344-95-2)		
Ireland	Local name	Calcium silicate Synthetic non fibrous
Ireland	OEL (8 hours ref) (mg/m ³)	0,5 mg/m ³ R (Respirable) 1 fibers/cm ³
United Kingdom	Local name	Calcium silicate
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ inhalable dust 4 mg/m ³ respirable
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE

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DNEL/DMEL (Workers)

Long-term - local effects, dermal	10 mg/m ³
Long-term - systemic effects, inhalation	10 mg/m ³

DNEL/DMEL (General population)

Long-term - systemic effects, inhalation	5 mg/m ³
Long-term - local effects, inhalation	5 mg/m ³

PNEC (STP)

PNEC sewage treatment plant	≥ 100 mg/l
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PNEC (additional information)

Additional information	Not applicable, Aquatic toxicity unlikely.
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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 : Exposure limit values have been established by many authorities. Check on limit values that apply in your local situation

Additional information : Exposure limit values have been established by many authorities. Check on limit values that apply in your local situation. Ensure all national/local regulations are observed.

8.2. Exposure controls

Appropriate engineering controls:

Ensure adequate ventilation. Both local exhaust and general room ventilation are usually required.

Hand protection:

In case of repeated or prolonged contact wear gloves

Eye protection:

Avoid contact with eyes. Use safety glasses whenever tools are used and dusts are produced. Foresee eye cleaning on the workplace.

Skin and body protection:

In case of possible repeated skin contact wear protective clothing.

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Respiratory protection:

Avoid breathing dusts. No special protection required where adequate ventilation is maintained. 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	: Powder.
Colour	: White.
Odour	: None.
Odour threshold	: No data available
pH	: ≈ 9 – 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
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 2,4145 g/cm ³ (20°C)
Solubility	: Water: 37 mg/l (@20°C)
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Explosive limits	: No data available

9.2. Other information

Bulk density	: 85 – 130 kg/m ³
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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 known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified.

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LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 4,9 mg/l/4h
Skin corrosion/irritation	: Not classified pH: ≈ 9 – 10
Serious eye damage/irritation	: Causes serious eye irritation. pH: ≈ 9 – 10
Respiratory or skin sensitisation	: Not classified
Additional information	: Did not cause skin sensitisation on laboratory animals.
Germ cell mutagenicity	: Not classified
Additional information	: Not known to cause heritable genetic damage.
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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

PROMAXON®-D (1344-95-2)

Persistence and degradability	Hydrolysis half-life: < 6 days. Substance is inorganic and therefore not subjected to biodegradation.
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12.3. Bioaccumulative potential

PROMAXON®-D (1344-95-2)

Bioaccumulative potential	Substance is inorganic and therefore not subjected to bioaccumulation.
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12.4. Mobility in soil

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Ecology - soil	Substance has a low potential for adsorption.
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12.5. Results of PBT and vPvB assessment

PROMAXON®-D (1344-95-2)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other adverse effects	: No information available.
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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	: 17 06 04 - insulation materials other than those mentioned in 17 06 01 and 17 06 03

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not applicable	Not regulated	Not regulated	Not regulated	Not regulated

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14.3. Transport hazard class(es)				
Not applicable	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not applicable	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Dangerous for the environment : No	Not regulated	Not regulated	Not regulated	Not regulated

No supplementary information available

14.6. Special precautions for user

Overland transport

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol 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

No REACH Annex XVII restrictions

PROMAXON®-D is not on the REACH Candidate List

PROMAXON®-D is not on the REACH Annex XIV 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

Indication of changes:

1. Identification of the substance/mixture and of the company/undertaking.

Full text of H- and EUH-statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H319	Causes serious eye irritation.

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

SDS EU (REACH Annex II) custom

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