

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
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
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

Promat International N.V.
Bormstraat 16
2830 Tiselt - BELGIUM
T +32 15 71 81 00 - F +32 15 71 81 09
info@promat-international.com - [website: www.promat-international.com](http://www.promat-international.com)

Other

Promat TOP Sp. z.o.o.
ul. Przechlowska 8
03-879 Warszawa - Poland
T +48-22 212 2280 - F +48-22 212 2290
top@promatop.pl - www.promatop.pl

Other

Promat S.p.A.
Via Perlasca 14
27010 Vellezzo Bellini (PV) - Italy
T +39 0382 4575 200 - F +39 0382 926 900
info@promat.it - www.promat.it

Other

Promat Nordic
Kometvej 36
6230 Rodekro - Denmark
T +45 7366 1999 - F +45 7466 1020
info@promat.nu - www.promat.nu

Other

Promat GmbH
Scheifenkamp 16
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Other

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info@promat-see.com - www.promat-see.com

Other

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Other

Promat UK Ltd.
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RG12 2TD Bracknell - United Kingdom
T +44 1344 381 300 - F +44 1344 381 301
marketinguk@promat.co.uk - www.promat.co.uk

Other

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16000 Praha 6 - Bubeneč - Czechia
T +420 224 390 811 - F +420 233 333 576
promat@promatpraha.cz - www.promatpraha.cz

Other

Promat S.A.S.
Rue de l'Amandier
78540 Vernouillet - France
T +33 1 39 79 61 60 - F +33 1 39 71 16 60
info@promat.fr - www.promat.fr

Other

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Other

Promat GmbH
St.-Peter-Straße 25
4021 Linz - Austria
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Other

Promat B.V.
Vleugelboot 22
3991 CL Houten - Nederland
T +31 30 241 0770 - F +31 30 241 0771
info@promat.nl - www.promat.nl

Other

A + B (Promat Russia)
ul. Vernadskogo 84/2
119/606 Moscow - Russia
T +7 (495) 246-0101 - F +7 (495) 246-0192
sales@promat.ru - www.promat.ru

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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. - 5.00 p.m. (MEZ) .
Language
English
French
Dutch

Country	Organisation/Company	Address	Emergency number	Comment
Iceland	Eitrunarmiðstöð Landspítali	Fossvogi 108 Reykjavik	+354 543 22 22	
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital, Guy's & St Thomas' Hospital Trust	Dudley Road B18 7QH Birmingham	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)	
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Wolfson Unit	Penarth CF64 2XX Cardiff	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)	
United Kingdom	NPIS Edinburgh (Scottish Poisons Information Bureau) Royal Infirmary of Edinburgh, Centre Hospitalier Universitaire Bab el Oued	51 Little France Crescent EH16 4SA Edinburgh	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Centre Hospitalier Universitaire de Constantine	Avonley Road SE14 5ER London	0870 243 2241	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)	

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 Calculation method

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) :

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
P264 - Wash contaminated skin thoroughly after handling

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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. Substance

Substance type : Mono-constituent

Name	Product identifier	%
Silicic acid, calcium salt (crystalline)	(CAS No) 1344-95-2 (EC no) 935-756-9 (REACH-no) 01-2119990740-32	>= 98

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. Mixture

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/injuries after inhalation : May cause irritation to the respiratory tract and to other mucous membranes.
Symptoms/injuries after skin contact : May cause temporary irritation/skin rash.
Symptoms/injuries 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.
Other information : The product is non-combustible.

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.

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protective equipment. Refer to section 8.2.
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. Refer to section 8.2.
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.

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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 : 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.

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)		
United Kingdom	Local name	Calcium silicate
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ inhalable dust 4 mg/m ³ respirable

PROMAXON®-D (1344-95-2)	
PNEC (additional information)	
Additional information	Not applicable, Aquatic toxicity unlikely.

- 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

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. Wear tight fitting safety glasses or facial screen. Foresee eye cleaning on the workplace
- Skin and body protection : In case of possible repeated skin contact wear protective clothing
- 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 duct 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

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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 applicable
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: 37 mg/l (@20°C)
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not applicable.
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

Bulk density : 85 - 130 kg/m³

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 : Not classified

PROMAXON®-D (1344-95-2)

LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 4,9 mg/l/4h
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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 Not known to cause heritable genetic damage
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No known effects.

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

PROMAXON®-D (1344-95-2)

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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste 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 ADR / RID / IMDG / IATA / ADN

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

No supplementary information available

14.6. Special precautions for user

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

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15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

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)

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