

SAFETY DATA SHEET

Promat

Trade name: PROMAXON® D

issued: 10/01/10

Supersedes version: 10/03/08

1. Identification of the product and of the company

Product name: PROMAXON® D
Intended Product use: Synthetic hydrated Calcium silicate powder, used for friction extender in brake pads and linings, thixotropic agent in paints and coatings, dry liquid systems, parting agent for granulates, flame retardant and drip suppressant in thermoplastics and for other applications.

Company
Company : Promat N.V
Address : Kuiermansstraat 1
BE- 1880 Kapelle-op-den-Bos
Telephone : +32 15 71 33 51
Fax : +32 15 71 82 29
e-mail : info@promat.be

2. Hazard Identification

Indication of the hazards: The product in its final application: no hazards known..
Not classified as hazardous or dangerous according to 67/548/EEC or 1999/45/EC

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.

Specific risk information for humans and environment: see section 7 and 8

3. Composition / Information on ingredients

Description: White mineral, free flowing powder in the form of spherical particles with an open inner structure.

Chemical characterisation: It is manufactured from sand, lime and water and contains some traces of other substances.

Substance	C.A.S. N°	EC N°	Weight content in %	Classification and labeling (Directive 67/548/EEC)
Calcium Silicate	1344-95-2	215-710-8	> 98.0 %	Not applicable
Magnesiumcarbonate	546-93-0	208-915-9	< 1.0 %	Not applicable
Aluminium oxide	1344-28-1	215-691-6	< 0.8 %	Not applicable
Iron oxide	1309-37-1	215-168-2	< 0.7 %	Not applicable

4. First aid measures

Inhalation: remove to fresh air and drink water
Ingestion: drink water

SAFETY DATA SHEET

Promat

Trade name: PROMAXON[®] D

issued: 10/01/10

Supersedes version: 10/03/08

Skin contact: rinse the skin with water
Eye contact: do not rub the eye, rinse out with water. If eye irritation or inflammation persists, seek medical advice.

5. Fire fighting measures

Additional Information: The product is mineral and non combustible.

6. Accidental spill / release measures

Methods for cleaning up: Dampen down any dust before putting into skips or use vacuum cleaner with correct filter.

7. Handling and storage

Handling:

- Instructions for handling:
 - 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
 - When total dust concentration is higher than occupational exposure limits (refer to local regulations), or when dust extraction is not available, use individual respiratory protective equipment.
 - Collect dust with a vacuum cleaner or soak with water before sweeping up.

Storage: Store in dry, covered and frost proof area.
Close bags properly after use.

8. Exposure controls / Personal protection

EXPOSURE LIMIT VALUES

When handling and processing, respect Occupational Exposure Limits for inhalable and respirable dust.

Check the latest Occupational Exposure Limits (OEL) for airborne contaminants that are applicable in your country.

Typical Occupational Exposure Limits (8hrs TWA) on the date of issue of this document are:

In mg/m ³	Fraction	COUNTRY(2)
		BE
Particles NOR (1)	Inhalable	10
	Respirable	3

(1) Particles NOR: particles not otherwise classified or regulated (nuisance dust).
Applies for all other components in the product.

(2) Country abbreviations on basis of IANA (Internet Assigned Numbers Authority)

SAFETY DATA SHEET

Promat

Trade name: PROMAXON[®] D

issued: 10/01/10

Supersedes version: 10/03/08

EXPOSURE CONTROLS

Occupational exposure controls: Ensure vacuum dust exhaust with correct filter when handling and/or processing.

Individual protection controls: Avoid breathing dusts
Avoid eye and skin contact
Wear personal protective equipment appropriate to the task:

- **Respiratory protection:** Use appropriate respiratory equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits (e.g. for exposures up to 10 times the OEL use at least a P2 type dust mask. For higher exposure, use a P3 type mask).
- **Eye protection:** Use safety glasses whenever dusts are produced.
- **Skin/hand protection:** Use working clothes and gloves to protect against direct skin contact

9. Physical and chemical properties

Appearance: powder

Colour: white

Odour: None

Important safety parameters:

Specific gravity:

ca. 2600 kg/m³

Solubility:

- **water solubility:**

0.5 g/l

pH value:

9 - 10

Information on other properties

not applicable

10. Stability and reactivity Nothing to report

11. Toxicological information

Acute toxicity: These Calcium Silicate powder is not expected to have significant acute toxicity. Apart from mild skin, throat, airway or eye irritation, workers producing this powder have reported no significant health complaints.

12. Ecological information Nothing to report

13. Disposal considerations

Product disposal: Dispose in accordance with local legislation for nuisance mineral dust.

Packaging disposal: Dispose according to local legislation

SAFETY DATA SHEET

Promat

Trade name: PROMAXON® D

issued: 10/01/10

Supersedes version: 10/03/08

14. Transport information

Road transport:	Product is not classified as dangerous
Inland shipping transport:	Product is not classified as dangerous
Sea shipping transport:	Product is not classified as dangerous
Air transport:	Product is not classified as dangerous

15. Regulatory information

Labelling according to EEC – Directives:

Labeling according to the EU Directives on classification and labelling 67/548/EEC and 1999/45/EC is not applicable.

Danger indication: not applicable

Symbol: not applicable

R – sentence: not applicable

S – sentence: not applicable

16. Other information

The recommendations for use and installation of the product have to be followed as indicated in the Promat Handbook.

The health and safety information contained herein is believed to be accurate and correct based on our current knowledge at the date of issue and no liability can be accepted for any loss, injury or damage resulting from its use. It is intended as a guide for the safe handling, storage and use under normal conditions, but does not necessarily refer to the particular requirements of a customer when further advice should be obtained.

This data sheet and the information it contains is not intended to supersede any terms or conditions of sale and does not constitute a specification. Nothing contained herein is to be construed as a recommendation for use in violation of any patent or applicable laws or regulations.

This data sheet has been revised according to the Regulation (EC) N° 1907/2006 of 18 December 2006. (OJ 29.5.2007, L136/3)