

Trade name: PROMAXON® T

issued: 15/12/2004

1. Identification of the product and of the company

Product name: PROMAXON® T
Intended Product use: Synthetic hydrated calcium silicate powder, used as thixotropic agent in resin and epoxy systems, as inorganic filler for moulded products, as parting agent for tacky granulates, as extender in clutches for cars and industrial machines, and for other applications.

Company

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2. Composition / Information on ingredients

Description: White mineral, free flowing powder.

Chemical characterisation: It is manufactured from sand, lime and water
Calcium Silicate Hydrate – XONOTLITE
CAS nr. : 1344 – 95 – 2

3. Hazard Identification

Indication of the hazards: The product in its final application: no hazards known.

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

4. First aid measures

Inhalation: remove to fresh air and drink water
Ingestion: drink water
Skin contact: rinse the skin with water
Eye contact: do not rub the eye, rinse out. If eye irritation or inflammation persists, seek medical advice.

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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

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)												
		AT	BE	CH	DE(5)	DK	ES	FR	IE	IT	LU(5)	NL	SE	UK
Particles NOR (1)	Inhalable	15	10	10	10	10	10	10	10	10	10	10	10	10
	Respirable	6	3	3	3	5	3	5	4	3	3	5	5	4

(1) Particles NOR: particles not otherwise classified or regulated (nuisance dust).

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

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Engineering controls:	Ensure vacuum dust exhaust with correct filter when handling and/or processing.
Personal protection:	Avoid breathing dusts Avoid eye and skin contact Wear personal protective equipment appropriate to the task (see below)
- 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 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:

Boiling point / boiling range:	n.a.
Melting point / melting range:	1540 °C
Flash point:	n.a.
Flammability (solid, gaz):	n.a.
Flammability temperature:	n.a.
Autoflammability:	n.a.
Explosive properties (danger and limits):	n.a.
Oxidizing properties:	n.a.
Vapour pressure:	n.a.
Specific gravity:	ca. 2600 kg/m ³
Bulk density:	ca. 80 gr/l
Solubility:	
- water solubility:	0.5 g/l
- fat solubility:	n.a.
pH value:	9 - 10
Partition coefficient (n-octanol/water):	n.a.
Viscosity:	n.a.

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.

Further information: -

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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

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:**

not applicable.

Danger indication: not applicable

Symbol: not applicable

R – sentence: not applicable

S – sentence: not applicable

16. Other information

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.