



# Material Safety Data Sheet

Skamotec 225/250/300

## 1. Product and company identification

<b>Use:</b> Core material for land based fire doors	<b>Manufacturer/importer/distributor:</b> <b>Skamol A/S</b> <b>Østergade 58-60</b> <b>DK-7900 Nykøbing M</b> <b>Tel: +45 97721533 Fax: +45 97724975</b> <b>Emergency Phone: +45 97721533</b>
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## 2. Hazards identification

<b>EMERGENCY OVERVIEW</b> <b>Appearance/Odor:</b> Porous board/none  <b>POTENTIAL HEALTH EFFECTS: See Section 11 for more information</b> <b>Likely Routes of Exposure:</b> Exposure to dust: Inhalation, ingestion, skin contact, eye contact. This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP  <b>POTENTIAL ENVIRONMENTAL EFFECTS: See Section 12 for more information</b> None  <b>OSHA REGULATORY STATUS</b> This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
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## 3. Composition/Information on Ingredients

CAS No.	Component	w/w%
12141-77-4	Xonotlite (Calciumsilicate Cas.1344-95-2)	95-100
13397-26-7	Calcite	0-2
13983-17-0	Wollastonite (Ca(SiO <sub>3</sub> ))	0-5
9004-34-6	Cellulose fiber	2-4

## 4. First aid measures

<b>By inhalation:</b> Exposure to dust: Seek fresh air. Seek medical advice in case of persistent discomfort.  <b>By ingestion:</b> Exposure to dust: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.  <b>By skin contact:</b> Exposure to dust: Remove contaminated clothing. Wash skin thoroughly with water and continue for a prolonged period of time. Seek medical advice in case of persistent discomfort.  <b>By eye contact:</b> Exposure to dust: Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.  <b>Other information:</b> Symptoms: See section 11. Bring the material safety data sheet or label when seeking medical advice.
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## 5. Fire fighting measures

The product is not directly flammable. Avoid inhalation of vapor and smoke gases – seek fresh air.
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### 6. Accidental release measures

Sweep up/collect spills for possible reuse or transfer to suitable waste containers. See section 13 for instructions on disposal. Do not sweep – use vacuum cleaner to collect spillage.

### 7. Handling and storage

**Handling:**

See section 8 for information about precautions for use and personal protective equipment.

**Storage:**

No special storage requirements.

### 8. Exposure controls/Personal protection

**Engineering controls/general hygiene considerations:**

Work processes where generation of dust may occur, must be performed under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

**Respiratory protection:**

In case of insufficient ventilation, wear air-purifying respirator with P2 filter.

**Skin protection:**

Not required.

**Eye/face protection:**

Wear safety goggles if there is a risk of dust contact with eyes.

**Exposure guidelines:**

Substance	Exposure limit	Remarks
Calcium silicate	OSHA: Total dust :- ppm, 15 mg/m <sup>3</sup> , respirable fraction :-ppm, 5 mg/m <sup>3</sup> ACGIH: TWA: 10 mg/m <sup>3</sup> STEL:- ppm	A4
Cellulose fiber	OSHA: Total dust :- ppm, 15 mg/m <sup>3</sup> , respirable fraction :-ppm, 5 mg/m <sup>3</sup> ACGIH: TWA: 10 mg/m <sup>3</sup> STEL:- ppm	

TWA: time-weighted average STEL: short-term exposure limit

**Remarks:**

A4:Not Classifiable as a Human Carcinogen

**Control methods:**

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

### 9. Physical and chemical properties

Appearance: Porous board	Upper/lower flammability or explosive limits: N/A
Odor: None	Vapor pressure: N/A
Odor threshold: N/A	Vapor density: N/A
Physical state: Solid substance	Specific gravity or relative density: 230-290 kg/m <sup>3</sup>
pH: 8	Solubility: Insoluble (water, organic solvents)
Melting/freezing point: 2453 °F/1345 °C	Partition coefficient: n-octanol/water: N/A
Boiling point: N/A	Auto-ignition temperature: N/A
Flash point: N/A	Decomposition temperature: N/A
Evaporation rate: N/A	
Flammability: N/A	

### 10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions.

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## 11. Toxicological information

### **Immediate effects**

#### **Inhalation:**

Inhalation of dust may cause irritation to the upper airways.

#### **Ingestion:**

Exposure to dust: Irritates mucous membranes in mouth and gastrointestinal tract.

#### **Skin contact:**

Exposure to dust: May cause slight irritation.

#### **Eye contact:**

Exposure to dust: Temporary irritation.

### **Long-term effects**

None known.

## 12. Ecological information

Do not discharge large quantities of concentrated spills and residue into drains.

## 13. Disposal considerations

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

## 14. Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to DOT, ADR and IMDG.

## 15. Regulatory information

### **US Federal**

**TSCA:** Cellulose fiber and Calciumsilicate are on the inventory or exempt from listing.

**CERCLA:** None of the ingredients are on the inventory.

### **SARA title III Rules**

**Section 302:** None of the ingredients are on the inventory.

### **Section 311/312 Hazard classes:**

Fire Hazard       Reactive Hazard       Release of Pressure       Acute Health Hazard       Chronic Health Hazard

**Section 313:** None of the ingredients are on the inventory.

### **State regulations**

#### **Proposition 65**

Chemicals known to cause cancer:

None of the ingredients are listed

Chemicals known to cause reproductive toxicity:

None of the ingredients are listed

### **EU regulations**

It has been assessed that the product need not be classified according to directive 1999/45/EC.

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## 16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **NFPA ratings (scale 0 - 4)**

Health = 0  
Flammability = 0  
Reactivity = 0

### **HMIS III ratings (scale 0 - 4)**

Health hazard = 0  
Flammability = 0  
Physical hazard = 0

### **Sources used**

This MSDS has been prepared to comply with the provisions of ANSI Z400.1-2004. The label text has been prepared to comply with the provisions of ANSI Z129.1-2006  
ACGIH Exposure limits for Chemical Biological Substances, 2007. OSHA 29 CFR part 1910.1000, table Z1-Z3, Limits for Air Contaminants 2006..

### **Key/Legend:**

N/A: Not available or not applicable.

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### **Updates:**

1,2,3,4,11,13,15,16

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