

# STENCA HT PIPE/BOX

## Safety Data Sheet

Revision: 22.11.2016, Version 2

Number of Pages: 6

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### 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

TRADE NAME:	Stenca HT Pipe / Box
PRODUCT TYPE:	Calcium Silicate Insulation Material
PR-No.:	Not relevant/required

Producer/Importer	Stenca Solutions ApS
Address:	Svendborgvej 15
Post code./Town	DK-9220 Aalborg
Phone:	Phone: +45 7215 6000
E-mail:	info@stenca.dk
Contact:	

### 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

This product is classified as not hazardous.

**Classification according to Council Directive 67/548 / EEC or Directive 1999/45 / EC:** Not applicable

##### Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008:** No labelling required

**Labelling according to EC 67/548 / EEC or Directive 1999/45 / EC:** No labelling required

**Hazard Pictograms:** Void

**Signal word:** Void

##### Hazard statements:

For the installed product in its final application: no hazards known

During machining the product (drilling, cutting, sanding etc.), airborne dust can be released.

Inhalation: as with most types of nuisance dust, excessive inhalation of dust may cause irritation of throat.

Skin contact: massive skin contact may lead to skin irritation for sensitive persons.

Eye contact: Eye contact with dust may lead to transient eye irritation or inflammation

Ingestion: not expected to present a significant ingestion hazard.

#### 2.3 Other hazards

None under normal conditions.

#### Result of PBT and vPvB assessment

**PBT:** Not applicable

**vPvB:** Not applicable

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### 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Chemical characterization

This product is classified as not hazardous.

This product is a manufactured item and not a substance.

**Description:** Mixture of substance listed below with nonhazardous additions.

Component Name	CAS No	EC No	Ref REACH
Crystalline calcium silicate hydrate	1344-95-2	215-710-8	----
Cellulose fibers	65996-61-4	265-995-8	---

\*None of the components are classified (DSD/DPD)

**Additional information:** Not relevant

### 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

**After inhalation:** Supply fresh air and drink water, consult doctor in case of complaints.

**After skin contact:** Generally, the product does not irritate the skin, but by massive dust or irritation wash the skin with water. Consult a doctor for medical help if symptoms.

**After eye contact:** Do not rub the eye. Rinse opened eye for several minutes under running water. Lift eyelids and rinse well underneath them. Get medical attention if irritation or inflammation persists.

**After swallowing:** Rinse mouth with water several times, and drink water. Consult a doctor for medical help if symptoms.

**Clothes:** Remove dirty and dusty clothing.

#### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available

#### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available

### 5: FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable extinguishing media:** All fire extinguishing media can be used. Use methods suitable to surrounding conditions, for example CO<sub>2</sub>, powder, foam or water spray.

**Unsuitable extinguishing media:** Unknown

#### 5.2 Special hazards arising from the substance or mixture

No further relevant information available

#### 5.3 Advice for fire fighters

**Special fire fighting procedures:** No, this product is non-combustible.

**Protection against fire:** Do not enter a fire area without proper protective equipment and clothing and mouth respiratory protective device.

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### 6: ACCIDENTAL RELEASE MEASURES



**6.1 Personal precautions, protective equipment and emergency procedures:** Ensure adequate ventilation. Minimize generation of dust and avoid breathing dusts.

**Personal protection:** wear suitable cloth, protect eyes against dust and wear respiratory protection.

**6.2 Environmental precaution:** Prevent spread of dust.

**6.3 Methods and material for containment and cleaning up:** Use closed containers to avoid dust release. Shovel up small pieces. Collect dust with a vacuum cleaner or swept up with soft broom on a regular basis. By massive dust soak with water before sweeping up. Pick up mechanically.

#### 6.4 Reference to other sections

See section 7 for information on safe handling

See section 8 for information on personal protection equipment

See section 13 for disposal information

### 7: HANDLING AND STORAGE:

**7.1 Precautions for safe handling:** Use only in well-ventilated areas

**Information about fire and explosion protection:** None, the product is non-combustible.

**Personal protection:** Dust, generated during machining and processing must be removed and the regulatory occupational exposure limits for total and respirable dust must be respected.

Use always respiratory protective equipment when exposures can occur or can be foreseen to exceed the Occupational Exposure Limits or Workplace Exposure Limits in the UK.

Collect dust with a vacuum cleaner or soak with water before sweeping up.

#### 7.2 Condition for safe storage, including incompatibilities

##### Storage:

**Requirements to be met by storerooms and receptacles:** Store in a dry, frost protected and well-ventilated room.

**Information about storage in one common storage facility:** Not required

**Further information about storage conditions:** None.

**7.3 Specific end use(s):** High temperature insulation and fire protective precautions. Thermal insulation of piping and wall for buildings and industrial installations.

### 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Additional information about design of technical facilities:** No further data; see section 7

#### 8.1 Control parameters

**Components with critical values that require monitoring:** Generally, the product contains no relevant quantities of materials with occupational limits to be monitored.

Only when machining (drilling, cutting, sanding, etc.) respect Occupational Exposure Limits (OEL) or Workplace Exposure Limits (WEL in the UK) for inhalable and respirable dust.

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

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Typical Occupational Exposure Limits or Workplace Exposure Limits in the UK (8 hrs. TWA) and Ireland on the date of issue are:

Control parameters for airborne contaminants

Particles not otherwise classified or regulated (nuisance dust)	
Inhalable	10 mg/m <sup>3</sup>
Respirable	4 mg/m <sup>3</sup>

### 8.2 Exposure controls

#### Personal protective equipment:

**General protective and hygienic measures:** Industrial hygiene – Ensure vacuum dust exhaust with correct filter when using motorized machining tools. Additionally, the usual precautionary measures when handling insulation.

**Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation. Avoid breathing dust. Use at least P2 type dust mask. For higher exposure use a P3 type mask.

**Protection of hands:** It is recommended to wear gloves.

**Eye protection:** By risk of contact it is recommended to wear safety goggles.

**Protection of skin:** Use working clothes to protect against mechanical injury and direct skin contact.

## 9: PHYSICAL-/CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### General information:

Form:	Solid board or pipe section without/with silicone surface
Colour:	White (silicone surface is black)
Odour:	None
Self-igniting:	Product is not self-igniting
Flammability:	Non flammable and non combustible
Danger of explosion:	Product does not present an explosion hazard
Density:	ca. 245 kg/m <sup>3</sup>
Solubility in water:	Not soluble in water

**9.2 Other information:** No further relevant information available

## 10: STABILITY AND REACTIVITY

**10.1 Reactivity:** No further relevant information available

**10.2 Stability:** Stable under normal conditions

**10.3 Possibility of hazardous reactions:** no hazardous reaction or properties.

**10.4 Conditions to avoid:** None known

**10.5 Incompatible material:** Strong acids

**10.6 Hazardous decomposition product:** None known

11: TOXICOLOGICAL INFORMATION

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**11.1 Information on toxicological effects**

**Acute toxicity:** No acute toxicity has been reported, apart from some exceptional cases of transient eye irritation or inflammation, or irritation of the mucosae by excessive exposure of dust.

**Primary irritant effect:**

**Skin corrosion/ irritation:** May cause irritation due to mechanical effect.

**Eye sensitization:** May cause irritation due to mechanical effect.

**Ingestion:** May cause irritation.

**Further toxicological information:** The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Handled professionally and when used in accordance with the intended use, the product has no harmful effects based on the manufacturer's experience and information provided to us by users.

12: ECOLOGICAL INFORMATION

**12.1 Toxicity**

**Aquatic toxicity:** No known effects

**12.2 Persistence and degradability:** No further relevant information available

**12.3 Bio accumulative potential:** No potential for bioaccumulation

**12.4 Mobility in soil:** No further relevant information available

**12.5 Results of PBT and vPvB assessment:**

**PBT:** Not applicable

**vPvB:** Not applicable

**12.6 Other adverse effects:** No further relevant information available

13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

**Recommendation:** Disposal must be made according to official regulations.

**European waste catalogue**

EAL: 17 06 04	Insulation materials other than those mentioned in 17 06 01 and 17 06 03
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14: TRANSPORT INFORMATION:

The material is not classified as dangerous goods.

**14.1 UN-Number**

**ADR, ADN, IMDG, IATA:** Void

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### 14.2 UN proper shipping name

ADR, ADN, IMDG, IATA: Void

### 14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class: Void

### 14.4 Packing group

ADR, IMDG, IATA: Void

14.5 Environmental hazards: Not applicable

14.6 Special precautions for the user: Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable

UN "Model Regulation": Void

## 15: REGULATORY INFORMATION:

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Symbols: None

H-Phrases: None

P-Phrases:

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out, due to the solid condensate of the material.

## 16: OTHER INFORMATION

### Supplier's remarks:

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

Use of the product should be under the specified conditions and in accordance with the usage specified on the packaging or in the relevant technical literature. Any other use of the product, happening on the user's own responsibility.

Department issuing MSDS: Product Safety Department  
Responsible for safety data sheet is Stenca Solutions ApS