

# FIBOARD COOL

# Safety Data Sheet

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade Name: Fiboard® Cool  
Company: Dornex BV  
Tel.: + 31(0)35 6409958  
Fax: + 31(0)35 6409959  
Email: info@dornex.eu

## 2. COMPOSITION / INFORMATION ON INGREDIENTS/CHEMICAL CHARACTERISATION

### Description:

Casting compound containing endothermally reacting inorganic substance and a cement as bonding agent. The compound is designed for cooling, heat absorption and insulation of constructions in case of fire.

### Hazardous ingredients:

15-25 % Calcium Aluminate  
CAS-No.: 65997-16-2  
EINECS-No.: 265-045-5

## 3. HAZARDS IDENTIFICATION

Non-hazardous nuisance dust.

## 4. FIRST-AID MEASURES

<b>After inhalation:</b>	Avoid inhalation of dust. Remove to fresh air.
<b>After skin contact:</b>	Rinse thoroughly with plenty of water and soap.
<b>After eye contact:</b>	Immediately rinse thoroughly under running water for at least 15 minutes, keeping lids apart. Consult an eye specialist.
<b>After ingestion:</b>	Rinse out mouth and then drink plenty of water in small mounts. Then consult a doctor.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing agents:</b>	The product is non-combustible
<b>Extinguishing agents which are unsuitable for safety reasons:</b>	None
<b>Special hazards due to the material or its preparation, its combustion products or ensuing gases:</b>	None
<b>Special fire-fighting protective equipment:</b>	None

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	In case of dust formation use a mask.
<b>Environmental precautions:</b>	Do not allow to enter drains or water courses.
<b>Measures for cleaning / collecting:</b>	Collect by mechanical means.

## 7. HANDLING AND STORAGE

**Handling:** Avoid dust formation.  
**Storage:** Store in a dry and cool place. Partially used bags should be resealed.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTIVE EQUIPMENT

**Engineering measures:** Arrange local ventilation with dust collection as necessary.  
**Workplace-related limited values:** Consider the general dust limit value: 10mg/m<sup>3</sup> OES-TWA (UK) total inhalable dust.  
**Hygienic measures:** Usual precautions for handling chemicals should be observed.  
**Personal protective equipment:** Respiratory mask in case of dust formation, protective goggles, gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form supplied:** Powder  
**Colour:** Grey  
**Odour:** none  
**pH:** ca. 10  
**Density:** 1.8 g/cm<sup>3</sup>  
**Solubility:** Almost insoluble

## 10. STABILITY AND REACTIVITY

**Conditions to avoid:** Avoid temperatures above 250°C. Avoid humidity, otherwise the compound cures with water.  
**Materials to avoid:** Strong acids  
**Dangerous decomposition products:** No known dangerous decomposition products.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** LD50 > 5000 mg/kg (rat)  
Local irritations in eyes, on skins and in upper respiratory tract possible.

## 12. ECOLOGICAL INFORMATION

According to current knowledge, no negative ecological effects to be expected.

## 13. DISPOSAL CONSIDERATIONS

Collect and dispose in landfill according to local disposal regulations.

**14. TRANSPORT INFORMATION**

<b>Road transport ADR/RID/GGVS/GGVE:</b>	none
<b>Inland Waterways transport ADN/R:</b>	none
<b>Maritime transport IMDG/GGVSea:</b>	none
<b>Air transport ICAO-TI and IATA-DGR:</b>	none

**15. REGULATORY INFORMATION**

<b>Labelling according to EU Guidelines:</b>	Not subject to a labelling obligation according to EU Guidelines
<b>Waterhazard class:</b>	Water hazard class 1 (Self-assessment): slightly hazardous for water.

**16. OTHER INFORMATION****Note**

*The information in this document is based on our knowledge and experience to date. This information does not release the user from carrying out independent tests and trials due to the various influences when processing and applying our product. It is not possible to derive a guarantee of certain properties of suitability of the product in a concrete application case based on our information. All the descriptions, drawings, photographs, data, conditions, weight etc. included may change without previous announcement; they do not constitute the contractually agreed property of the product. The recipient of our product is responsible to observe any trade mark rights and existing laws and regulations.*