

SAFETY DATA SHEET for USERS
FALCO Zrt
Information on cement- bound fiber board
Non hazardous material

Date: 6/11/02

Revised: 9/4/06

1. Product's name and manufacturer's/ supplier's identification data:

- 1.1. Description: cement- bound fiber board
1.2. Usage: construction industry
1.3. Information on the manufacturer/ supplier:
FALCO Forgácsolgyártó Zrt
H-9700 Szombathely
Zanati út 26
Telephone:(36) 94 311- 321
Telephone: (36) 94 516-600
Telephone:(36) 94 314- 891

2. Composition/ data on the components:

Chemical features: It is a board pressed from woods chips and other additives with cement bound.

Composition:

- | | |
|----------------------------------|------------|
| - wood chips (natural material): | 18.6 m/m % |
| - CEM I 42.5 Portland cement: | 73.0 m/m % |
| - natron water glass: | 0.9 m/m % |
| - water: | 7.5 m/m % |

Hazardous materials: No. It is not compulsory to label the product.

3. Hazard categories, possible risks:

In line with 44/2000. (XL8) EUM decree on „Procedures related to hazardous materials and hazardous preparations”, the product is not a hazardous product.

Special risks on human (inhalation, skin and eye irritation, swallowing and other chronic symptoms): Cement dust generated during

processing(sawing) is Xi irritative R 36/38, R 43.

Special hazards on the environment: no

Other hazards: no

4. First aid:

In case of inhalation: Injured person shall be moved to fresh air

Skin eye irritation: In case of contact with skin wash it with water. In case of contact with eye, it shall be washed thoroughly.

Swallowing: no

5. Fire protection:

Fire-hazard property: "E" not hazardous

Appropriate extinguishing agent: Extinguishing agent appropriate for the fire and for the environment shall be used. Water, extinguishing powder, fire foam.

Extinguishing agent which can not be used for safety purposes: No

Risk posed by the material or the gases generated during burning: Carbon monoxide, carbon dioxide and gases containing nitrogen might be generated.

Protective clothing in case of burning: in case of fire a mask shall be worn to protect against the above mentioned gases.

6. Precautions in case of an accident:

Personal precautions: it is recommended to use gloves, it is compulsory to wear goggles and mask. General labour safety rules shall be observed.

Environmental precautions: The generated dust shall not get into waters and drains because of the alkalinity of the cement.

Cleaning procedure: Dust generated during processing shall be collected.

7. Handling, storing:

Handling: during processing- either bright work or sawing- one can inhale the cement dust. It is strictly forbidden to smoke, proper ventilation shall be ensured; the dust shall be removed from the working area.

Storing: products can be stacked on dry, well ventilated areas, where proper support is ensured. Product is not inflammable, therefore it can be stored together with other products.

Material compatibility: The product is compatible with every other materials.

8. Conditions of the work not risking human health:

Stipulations of the 25/2000. (IX. 30.) EUM-SZCSM join decree on the chemical safety of work places shall be considered.

Supplementary information for industrial equipments: equipments with which the products are processed, for example saw, grinding-machine, etc. shall have local suction.

Respiration protection: masks shall be worn if dust is generated.

Gloves: recommended to wear

Eye protection: at the processing of the materials eye protection used at other wood materials, as well, shall be worn.

Body protection: It is recommended to wear protective clothing.

Stipulations of the general labour protection rules shall be applied for other cases.

9. Physical and chemical features:

Appearance:	solid
Colour:	surface has the colour of the cement
Smell:	no smell
Melting point:	not applicable
Boiling point:	not applicable
Flashing point:	not applicable
Spontaneous combustion:	Spontaneous combustion
Risk of explosion:	not applicable
Thickness: mm	8-40
Density: kg/m ³	above 1000
Dimensional tolerance	
- thickness on refined sheet:	+/- 0.3 mm
-thickness, on not refined sheet:	<12 mm +/- 0,7 mm
	>12-15 mm +/- 1.0 mm
	>15-18 mm +/- 1.2 mm
	>18 mm +/- 1.5 mm
- length and width:	+/- 5.0 mm
Moistness:	6%- 12%
Bending endurance:	≥ 9.0 N/mm ²
Board lifting stability	≥ 0.5 N/mm ²

Expansion in thickness in 24 hours:	1.5 %
Flexibility modulus:	min. 4500 N/ mm ²
Coefficient of thermal conduction/conductivity:	0.26 W/ mK
Coefficient of thermal expansion:	1x10 ⁻³ / K
Antifreezing property:	no visible changes
Airborne sound protection:	30 dB in case of 12 mm thick board
Surface pH value:	10-11

Other physical features, such as viscosity, freezing point, drip point, etc. are not applicable in case of this product.

10. Stability and reactivity:

Stability data: the product is stable from chemical point of view and can be used with any other materials.

Conditions to be avoided: The product shall be stored on dry, well ventilated place.

Materials to be avoided: strong acids and alkali solutions and oxidants as these materials might damage the product.

Hazardous breakdown products: no

Hazardous emissions: no

11. Toxicological data:

Acute toxicity: not applicable

Oral toxicity LD50: --

Eye and skin irritation: Not known

Sensitivity: Not known

Chronic toxicity: --

Other information: Product is free from heavy metals and solvents. Hazardous materials, such as ethynyl trichloride, benzene, toluol, carbolic acid, asbestos, CFC, PVC, HFC, PCP, etc., can not be found in the product.

12. Data for ecology:

Eco- toxic effects: product can not get into waters uncontrolled because of the pH value.

13. Waste material treatment and disposal:

Way of disposal: based on the Hungarian and EU law, the waste materials are not hazardous. Waste material can be classified as building rubbish.

Local and international regulations: in case of material disposal the local legal regulations in force shall be observed.

14. Transportation data:

In line with the international transportation regulations, the product is not hazardous.

Product labeling is not needed.

15. Regulations:

Labeling:

Symbols of hazards: it is not obligatory to label the product, despite these we propose:

In line with the 25/2000. (IX. 30.) EÜM-SZCSM joint decree:

R-sentences: R 36- Eye irritating
R 38- Skin irritating
R 43- Skin contact might cause skin irritation

S-sentences: S 22- Dust of the product shall not be respired.

S 25- Contact with skin shall be avoided.

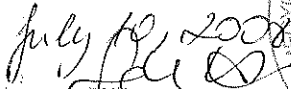
Further safety regulations:

16. Other:

Data of the present data sheet are referring only to the product indicated on the data sheet. These data are not valid anymore, if the product is processed together with other materials. Data of the data sheet are in line with our best knowledge on the date of delivery. End user shall make it sure that all the statements are appropriate and enough for the final usage. Legal regulations in force shall be observed during processing and usage.

The translation has been done with the assistance of the Translation Office of the Society for Dissemination of Scientific Knowledge.

Szombathely,

July 10, 2008

/Viktora Antal/
Head of the Office

