

Safety Data Sheet

acc to (EG) Nr. 1907/2006 (amended acc. to (EU) Nr. 453/2010)

issued: 26.05.14 modified: -
Version: V01_2014_05 Replaces: -

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1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

SWISSCDF (Compact Density Fibreboard)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Wood-based panels for indoor use in furniture and interior fittings

1.3 Details of the supplier of the Safety Data Sheet

Kronospan Schweiz AG
Willisauerstrasse 37
CH-6122 Menznau

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info@kronospan.ch
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2 Hazards identification

2.1 Classification of the substance or mixture

Non hazardous material (acc. to directives 67/548/EWG, 1999/45EG) in the state of delivery.

SWISSCDF is no hazardous material according to guidelines (EG) Nr. 1272/2008 (CLP)

2.2 Label

none

2.3 Other hazards

Formaldehyde is used in the production of SWISSCDF. When first made the unsealed surface of the boards may release some formaldehyde gas, but this quickly dissipates during initial storage.

*Air monitoring results confirm that when manufactured wood products [i.e. SWISSCDF] are cut or sanded, the only significant airborne hazard is exposure to **wood dust**. Provided that the wood dust is adequately controlled using local exhaust ventilation exposure to all other airborne hazards (including formaldehyde) is negligible.¹*

A dust cloud of any flammable material will explode where: (1) the concentration of dust in air falls within the explosive limits, and (2) a source of ignition of the required energy for that dust cloud is present. Conversely, an explosion can be prevented if one, or preferably both, of these conditions are avoided.²

3 Composition/information on ingredients

Component	CAS#	Content
Wood		65-75 %
Melamine-Urea-Formaldehyde Resin (MUF)		18-22 %
Flame retardant		6-8 %
Color		< 1%
Formaldehyde (residual)	50-00-0	<0.05%
Emulsion		<1%
Moisture content		5-7 %

¹ NSW fact sheet on wood dust: <http://www.workcover.nsw.gov.au/formspublications/publications/Documents/wood-dust-fact-sheet-3972.pdf>

² <http://usw2009.ca/wooddustsafety.htm>

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4 First aid measures

4.1 Description of first aid measures

Exposure to wood dust:

Inhalation of dust	Bring to fresh air
Skin contact	Wash with soap and water
Eye contact	Flush with water for 15 minutes and seek medical assistance if irritation persists
Ingestion	Not applicable
Special indication	If any irritation persists, obtain qualified medical advice

4.2 Most important symptoms and effects, both acute and delayed

Inhalation of dust	Wood dust may cause respiratory irritation, nasal dryness, coughing, sneezing, wheezing as a result of inhalation
Skin contact	Wood dust may cause skin irritation and allergic responses in sensitive individuals.
Eye contact	Wood dust may cause eye irritation

5 Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media:	Water, Foam, CO ₂ , Dry chemical
Unsuitable extinguishing media:	none

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: smoke, fume, formaldehyde and oxides of carbon, nitrogen, sodium and potassium

5.3 Advice for fire-fighters

Firefighters should use standard protective equipment and self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

5.4 Additional information

-

6 Accidental release measures

Not applicable

7 Handling and storage

Store in a cool, dry and vented area.

8 Exposure controls/personal protection

Due to the explosive potential of wood dust when suspended in air, precautions should be taken during sanding, sawing or machining to prevent sparks or other ignition sources in ventilation equipment. Provide local exhaust and ventilation to minimize formaldehyde and wood dust exposure. Wear personal protective equipment (dust mask, gloves, safety glasses)

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9 Physical and chemical properties

Odour	Wood-based material, formaldehyde
Appearance	Black coloured wood fibre board
Density	1000 kg/m ³
Moisture content	4-13%
Melting point	NA
Boiling point	NA

10 Stability and Reactivity

10.1 Reactivity

Not reactive.

10.2 Chemical stability

Stable. Warm and humid conditions may increase formaldehyde emissions.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Accumulation of wood dust in air during processing

Ignition sources

11 Toxicological information

NA

12 Ecological information

NA

13 Disposal considerations

Dispose like normal household waste (incineration or landfill) in accordance with national regulations.

14 Transport Information

No special instructions.

15 Regulatory information

Not regulated as hazardous substance.

16 Other information

NA

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