

# MATERIAL SAFETY DATASHEET

Kronotex Laminate Floor Coverings

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

Product identifier Kronotex Laminate Collections 6mm – 12mm

Relevant identified uses Laminate floor covering for indoor use

Supplier of the Safety Data Sheet SWISS KRONO TEX GmbH & Co. KG  
Wittstocker Chaussee 1  
16909 Heiligengrabe  
Germany  
www.swisskrono.de  
info@swisskrono.de  
+49 33962 69-0

Classification of the substance or mixture Non hazardous article (acc. to directives 67/548/EWG, 1999/45EG) in the state of delivery.  
Kronotex Laminate Floor coverings are not hazardous articles according to guidelines (EG) Nr.1272/2008 (CLP).

Label none

Other hazards **Formaldehyde** is used in the production of **SWISS KRONO HDF**. 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. **SWISS KRONO HDF**] 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.<sup>1</sup>  
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.<sup>2</sup>

## Composition/ information on ingredients

Component	CAS#	Content [% w/w]
Wood HDF Core		72.5-78
Paper		1.3-2.5
Urea-Formaldehyde Resin (Core)		12-15
Melamine-Urea-Formaldehyd Resin (Coating)		2.5-4.8
Colors, pigments,		0.06-0.12
Fillers (Coating)		0.45-0.90
Formaldehyde (residual)	50-00-0	<0.05
Moisture content		5-7 %

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

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

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## First aid measures

### Exposure to wood dust

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

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

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

## Firefighting measures

### Extinguishing media

- Suitable Water, Foam, Dry chemical
- unsuitable CO<sub>2</sub>

<b>Special hazards</b>	Hazardous combustion products: smoke, fume, formaldehyde and oxides of carbon, nitrogen, sodium and potassium
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<b>Advice for fire-fighters</b>	Firefighters should use standard protective equipment and self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.
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<b>Additional information</b>	none
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## Accidental release measures

Not applicable

## Handling and storage

Store in a cool, dry and vented area.

## Exposure controls/personal protection

<b>Wood dust</b>	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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## Physical and chemical properties

<b>Odour</b>	Wood-based material, formaldehyde
<b>Appearance</b>	Solid high density fibreboard core with various decorative colors and patterns
<b>Density</b>	850-950 kg/m <sup>3</sup>
<b>Moisture content</b>	4-13%
<b>Melting point</b>	NA
<b>Boiling point</b>	NA

## Stability and Reactivity

<b>Reactivity</b>	Not reactive.
<b>Chemical stability</b>	Stable. Warm and humid conditions may increase formaldehyde emissions.
<b>Possibility of hazardous reactions</b>	None.
<b>Conditions to avoid</b>	Accumulation of wood dust in air during processing Ignition sources

## Further information

<b>Toxicological information</b>	none
<b>Ecological information</b>	NA
<b>Disposal considerations</b>	Dispose like normal household waste (incineration) in accordance with national regulations.
<b>Transport Information</b>	No special instructions.