

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
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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.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

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 %

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>

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

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

Firefighting measures

Extinguishing media	
- Suitable	Water, Foam, Dry chemical
- unsuitable	CO ₂
Special hazards	Hazardous combustion products: smoke, fume, formaldehyde and oxides of carbon, nitrogen, sodium and potassium
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.
Additional information	none

Accidental release measures

Not applicable

Handling and storage

Store in a cool, dry and vented area.

Exposure controls/personal protection

Wood dust	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

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

Stability and Reactivity

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

Further information

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