

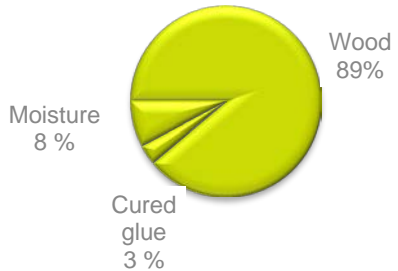


The Biofore
Company

18.12.2018

UPM Plywood Product safety profile

Product groups covered: Spruce uncoated

<p style="text-align: center;">PRODUCT COMPOSITION</p>  <p>Wood 89%</p> <p>Moisture 8 %</p> <p>Cured glue 3 %</p> <p>Bonding: Weather resistant gluing according to EN 314-2/class 3 Exterior</p> <p>Raw material: Spruce (Picea abies)</p>	<p>SAFETY INFORMATION</p> <p>No known health or environmental hazards. Not a hazardous product.</p> <p>PRODUCT SAFETY MANAGEMENT</p> <ul style="list-style-type: none"> - Certified quality and environmental management system ISO 9001 and ISO 14001 at the mill - UPM Restricted Chemical Substances List (UPM RSL) in place <p>CERTIFICATES</p> <ul style="list-style-type: none"> - CE- marking according to EN 13986 (Fullfills E1 classification requirement) - JAS Structural Plywood (F Four Star , formaldehyde emission limit fulfilled -PEFC/FSC CoC <p>All certificates available at www.wisaplywood.com/certificates</p>
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INSTRUCTIONS FOR SAFE HANDLING AND USE	
Sawing, sanding or machining of plywood can generate wood dust. Both potential risks and instructions for safe use and handing are mostly related to formation of dust. It may present an explosion hazard if a dust cloud comes into contact with an ignition source. This product may release small quantities of formaldehyde (CAS No. 50-00-0) in gaseous form, however strictest regulations i.e. CARB Phase 2, ULEF are met. Check exposure limits for dust given by local authorities.	
Fire-fighting measures	Recommended extinguishing agents: Water, carbon dioxide, sand
First-aid measures	
- Skin contact	Wash affected areas with soap and water. Get medical advice if rash or persistent irritation or dermatitis occurs.
- Eye contact	Flush eyes with plenty of water. Move to fresh air. If irritation persists, get medical attention.
- Inhalation	Move to fresh air. Get medical advice if persistent irritation, severe coughing or breathing difficulty occurs.
- Ingestion	Not applicable.
Exposure controls/personal protection	
- Hand protection	Use of gloves recommended.
- Eye protection	Wear safety glasses when manufacturing or machining the product.
- Respiratory protection	Wear approved respirator when the allowable exposure limits may be exceeded.
- Skin protection	Wear suitable working clothes, gloves and shoes.
Stability and reactivity	
- Conditions to be avoided	Avoid contact with oxidizing agents. Avoid open flame. Product may ignite in excess of +200°C.
Disposal considerations	
Re-use, energy recovering (burning) and disposal in landfill, in accordance with the local legislation.	
Transport and storage information	
http://cargohandling.upm.com	

Products are compliant with the following regulations (substances not intentionally added*).

Section1: Substances that shall not be used in UPM products		
	Regulation	Links to reference page (lists of substances)
1*	REACH / Regulation 1907/2006/EC Annex XVII or Annex XIV	REACH Annex XVII REACH Annex XIV
2*!	Candidate List of Substances of Very High Concern (SVHC) for Authorization	ECHA Website - Candidate list
3!	EC No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures: CMR-substances on category 1 and 2.	EC CLP 1272/2008
4	Brominated flame retardants: Directive 2003/11/EC restricting use of pentabromodiphenyl ether & octabromodiphenyl ether	Directive 2003/11/EC
5* !	RoHS 3 Directive 2015/863/EC	Delegated directive 2015/863/EC
6	Perfluorooctane sulfonates (PFOS and PFOS-related chemicals) and/or perfluorooctane acid (PFOA) and/or its salts: Directive 2006/122/EC	Directive 2006/122/EC
7	Triclosan: 2,4,4'-trichloro-2'-hydroxydiphenyl ether CAS3380-34-5, EU Commission Decision of 19 March 2010 under Directive 2002/72/EC	Commission Decision 19 March 2010
8	Ozone depleting substances: Montreal protocol and EU Directive 2037/2000/EC	Montreal Protocol 2000 Directive 2037/2000/EC
9	Indicative list of substances controlled under Regulation (EC) No 1005/2009 04 February 2011	http://ec.europa.eu/clima/policies/ozone/docs/substances_en.pdf
10	Persistent Organic Pollutants (POPs): Regulation (EC) No 850/2004 and amending Directive 79/117/EEC, Stockholm Convention, UNEP 12 chemicals	POPs Stockholm Convention POPs UNEP 12 chemicals
11	OSPAR: The list of chemicals for priority action, Part A	OSPAR list
12	HELCOM Recommendation 31E/1, Appendix 2	HELCOM Recommendation 31E/1
13 !	California Proposition 65	OEHHA Proposition 65
14	Bisphenols: 4,4'-(propane-2,2-diyl)diphenol (Bisphenol A) CAS 80-05-7, 4,4'-sulfonyldiphenol (Bisphenol S) CAS 80-09-1 or 2,2-Bis(4-hydroxyphenyl)butane (Bisphenol B) CAS 77-40-7	
15*	Phthalates (DEHP, DBP, BBP, DINP, DIDP, DnOP): EC 552/2009 (items 51&52) amending Annex XVII of REACH Regulation EC 1907/2006. Phthalates on toys and childcare products and US Consumer Product Safety Improvement Act, Section 108	EC 552/2009 amendment to EC 1907/2006. Phthalates on toys and childcare products US Consumer Product Safety Improvement Act Section 108
16* !	Priority Substances in the field of water policy: EU Directive 2013/39/EC, Finnish National regulations Chapter D and 40 CFR Part 423 Appendix A Water priority chemicals	Directive 2013/39/EC National Regulation Ch D 40 CFR Part 432 App A
<p>*= Legal requirement applying on pulp, paper or plywood production in EU countries. ! = Changes in regulation</p>		

*= Except formaldehyde (CAS 50-00-0), phenol (CAS 108-95-2) and resorcinol (108-46-3) that are used in glue resins.

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www.wisaplywood.com