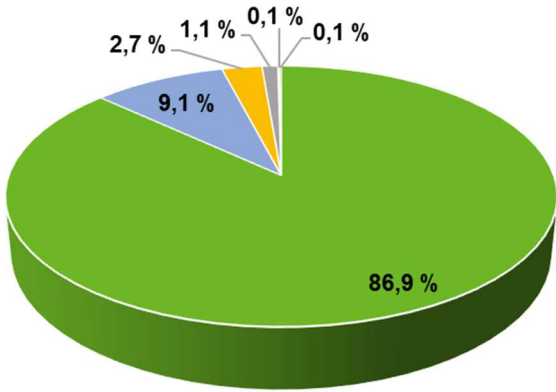


## UPM Plywood Product safety profile

### WISA®-Spruce<sup>BT</sup>

<p><b>PRODUCT COMPOSITION</b></p>  <table border="1"> <tr> <td>■ Spruce (Picea Abies)</td> <td>■ Moisture</td> </tr> <tr> <td>■ PF or LPF resin</td> <td>■ Hardeners and fillers</td> </tr> <tr> <td>■ Others</td> <td>■ BT coating</td> </tr> </table>	■ Spruce (Picea Abies)	■ Moisture	■ PF or LPF resin	■ Hardeners and fillers	■ Others	■ BT coating	<p><b>SAFETY INFORMATION</b></p> <p>Plywood is defined as an article. There are no known health or environmental hazards in the product.</p> <p><b>PRODUCT SAFETY MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>• Certified quality management system ISO 9001</li> <li>• Certified environmental management system ISO 14001</li> <li>• UPM Chemical Management Standards</li> </ul> <p><b>CERTIFICATES</b></p> <ul style="list-style-type: none"> <li>• CE-marking according to EN 13986</li> <li>• Formaldehyde classification: E1, CARB/TSCA ULEF-exempt, German ChemVerbotsV or so-called E05 class</li> <li>• M1 emission classification</li> <li>• PEFC/FSC CoC</li> </ul> <p>All certificates available at <a href="http://www.wisaplywood.com/downloads/certificates-and-labels">www.wisaplywood.com/downloads/certificates-and-labels</a></p>
■ Spruce (Picea Abies)	■ Moisture						
■ PF or LPF resin	■ Hardeners and fillers						
■ Others	■ BT coating						

<p><b>INSTRUCTIONS FOR SAFE HANDLING AND USE</b></p>	
<p>Sawing, sanding or machining of plywood can generate wood dust. Potential risks and instructions for safe use and handling are mostly related to the formation of dust. An explosion hazard may occur if a dust cloud comes into contact with an ignition source. Check exposure limits and other regulations for dust given by local authorities.</p>	
<p><b>Fire-fighting measures</b></p>	<p>Recommended extinguishing agents: Water, carbon dioxide, sand</p>
<p><b>First-aid measures</b></p>	
<p>Skin contact</p>	<p>Wash affected areas with soap and water. Get medical advice if rash or persistent irritation or dermatitis occurs.</p>
<p>Eye contact</p>	<p>Flush eyes with plenty of water. Move to fresh air. If irritation persists, get medical attention.</p>
<p>Inhalation</p>	<p>Move to fresh air. Get medical advice if persistent irritation, severe coughing or breathing difficulty occurs.</p>
<p>Ingestion</p>	<p>Not applicable.</p>
<p><b>Exposure controls/ personal protection</b></p>	<p>Apply dust control measures to meet the exposure values given by local authorities.</p>
<p>Hand protection</p>	<p>Use of gloves recommended.</p>
<p>Eye protection</p>	<p>Wear safety glasses when manufacturing or machining the product.</p>
<p>Respiratory protection</p>	<p>Wear approved respirator when the allowable exposure limits may be exceeded.</p>

Skin protection	Wear suitable working clothes, gloves and shoes.
<b>Stability and reactivity</b>	
Conditions to be avoided	Avoid contact with oxidizing agents. Avoid open flame. Product may ignite in excess of +200°C.
<b>Disposal considerations</b>	Reuse as a material. Recycling as a material. Energy recovery as a biofuel (Class A&B).
<b>Transport and storage information</b>	<a href="http://cargohandling.upm.com">http://cargohandling.upm.com</a>

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

\* Except for formaldehyde (CAS 50-00-0), phenol (CAS 108-95-2) and resorcinol (CAS 108-46-3) that are used in glue resins, and propiconazole (CAS 60207-90-1) that is used in surface treatment agent.

Regulation	
1	REACH / Regulation (EC) 1907/2006 Annex XVII Substances restricted under REACH Annex XIV Substances subject to authorization
2	Candidate List of Substances of Very High Concern (SVHC) for Authorization
3	EU Waste Framework Directive (WFD) - SCIP database WISA plywood products do not contain SVHC from the latest updated candidate list at a concentration above 0.1% (w/w)
4	EC No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures: CMR-substances on category 1 and 2.
5	Brominated flame retardants BFRs - Directive 2003/11/EC
6	Perfluorooctane sulfonates (PFOS and PFOS-related chemicals) and/or perfluorooctane acid (PFOA) and/or its salts - Directive 2006/122/EC
7	Triclosan (CAS 3380-34-5) - EU Commission Decision of 19 March 2010 under Directive 2002/72/EC
8	Bisphenols: Bisphenol A (CAS 80-05-7), Bisphenol S (CAS 80-09-1) or Bisphenol B (CAS 77-40-7)
9	Persistent Organic Pollutants (POPs) – Regulation (EU) 2019/1021, Stockholm Convention, UNEP
10	OSPAR: The list of chemicals for priority action, Part A
11	HELCOM Recommendation 31E/1, Appendix 2
12	Ozone depleting substances – Regulation (EC) 1005/2009, Montreal protocol (1987)
13	Heavy metals, flame retardants and phthalates in RoHS 2 Directive (EU) 2015/863
14	Phthalates (DEHP, DBP, BBP, DINP, DIDP, DnOP) - Regulation (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
15	Conflict minerals – Regulation (EU) 2017/821, Dodd-Frank Act
16	Priority Substances in the field of water policy - Directive 2013/39/EU, Finnish National regulations Chapter D, 40 CFR Part 423 Appendix A Water priority chemicals

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