

BUILDING PRODUCT DECLARATION BPD 3

in compliance with the guidelines of the Ecocycle Council, June 2007

1 Basic data

Product identification		Document ID 1053-03-01
Product name LION Furniture, painted white	Product no/ID designation	Product group BK04-01201
<input type="checkbox"/> New declaration <input checked="" type="checkbox"/> Revised declaration	In the case of a revised declaration	
	Has the product been changed?	The change relates to 1. Product name, 2. Supplier information, 3. Product information 5. Production phase
	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Changed product can be identified by
Drawn up/revised on (date) 18.1.2019		Inspected without revision on (date)

Other information:

2 Supplier information

Company name Finnish Fibreboard Ltd		Company reg. no/DUNS no	
Address P.O.BOX 4 18101 HEINOLA, FINLAND		Contact person	
		Telephone +358201103300	
Website: www.finnishfibreboard.com		E-mail henna.hirvonen@finfib.fi	
Does the company have an environmental management system?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
The company possesses certification in compliance with	<input type="checkbox"/> ISO 9000 <input type="checkbox"/> ISO 14000	<input type="checkbox"/> Other	If "other", please specify: System not certified

Other information:

3 Product information

Country of final manufacture Finland	If country cannot be stated, please state why		
Area of use Construction, furniture, protection			
Is there a Safety Data Sheet for this product?		<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input type="checkbox"/> No
In accordance with the regulations of the Swedish Chemicals Agency, please state:	Classification Labelling		<input checked="" type="checkbox"/> Not relevant
Is the product registered in BASTA?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Has the product been eco-labelled?	<input type="checkbox"/> Criteria not found	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: PEFC, M1
Is there a Type III environmental declaration for the product?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other information:				

<i>Data in fields highlighted in green are requirements in compliance with the Ecocycle Council guidelines.</i>	1
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4 Contents (To add a new green row, select and copy an entire empty row and paste it in)

At the time of delivery, the product comprises the following parts/components, with the chemical composition stated:					
Constituent materials/ components	Constituent substances	Weight % or g	EG no/ CAS no (or alloy)	Classification	Comments
Wood (saw dust and chips)	Pine, Spruce	96-99			PEFC certified

aluminium sulphate		< 0,03		Eye dam.	H318
Fenolic-formaldehyde resin	fenol-formaldehydpolymer	< 0,27	CAS:9003-35-4	skin sens 1	H 317
	sodium hydroxide	< 0,06	CAS:1310-73-2	Skin Corr./Irrit. 1A	H314
	Methanol	< 0,018	CAS:67-56-1	Acute Tox. 3, STOT SE 1	H301, H311, H331, H370
parafindispersion		0,5 %	non-classified, doesn't include dangerous substances (according EY N:o 1272/2008)		
Paint		< 3%	CAS: 126-86-3		H412, H318,H317
Varnish		< 0,2%	CAS: 57475-68-1 CAS:28961-43-5 CAS:55818-57-0 CAS:15625-89-5		H318, H315, H317 Safety data sheet for paint an varnish attached

Other information:					
If the chemical composition of the product after it is built in differs from that at the time of delivery, the content of the finished built in product should be given here. If the content is unchanged, no data need be given in the following table.					
Constituent materials/ components	Constituent substances	Weight % or g	EG no/ CAS no (or alloy)	Classification	Comments
Other information:					

5 Production phase

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Resource utilisation and environmental impact during production of the item is reported in one of the following ways:					
<input type="checkbox"/> 1) Inflows (goods, intermediate goods, energy etc) for the registered product into the manufacturing unit , and the outflows (emissions and residual products) from it, i.e. from “gate-to-gate”.					
<input checked="" type="checkbox"/> 2) All inflows and outflows from the extraction of raw materials to finished products i.e. “cradle-to-gate”.					
<input type="checkbox"/> 3) Other limitation. State what:					
The report relates to unit of product m3		<input type="checkbox"/> Reported product		<input type="checkbox"/> The product's product group	
				<input checked="" type="checkbox"/> The product's production unit	
Indicate raw materials and intermediate goods used in the manufacture of the product					<input type="checkbox"/> Not relevant
Raw material/intermediate goods		Quantity and unit		Comments	
saw dust and chips		3,1 m3/m3			
resin		5 kg/m3			
aluminiumsulphate / parafin		1,5 kg/m3 / 3,5 kg/m3			
Indicate recycled materials used in the manufacture of the product					<input type="checkbox"/> Not relevant
Type of material		Quantity and unit		Comments	
Enter the energy used in the manufacture of the product or its component parts					<input type="checkbox"/> Not relevant
Type of energy		Quantity and unit		Comments	
electric		0,47 MWh/m3			
steam		1,56 Mwh/m3			
Enter the transportation used in the manufacture of the product or its component parts					<input type="checkbox"/> Not relevant
Type of transportation		Proportion %		Comments	
truck		90		raw material, ready products	
ship		10		ready products	
Enter the emissions to air, water or soil from the manufacture of the product or its component parts					<input type="checkbox"/> Not relevant
Type of emission		Quantity and unit		Comments	
COD water		2,8kg/m3			
Suspended solids		0,14kg/m3			
Enter the residual products from the manufacture of the product or its component parts					<input type="checkbox"/> Not relevant
Residual product	Waste code	Quantity	Proportion recycled		Comments
			Material recycled %	Energy recycled %	
Product waste		60 kg/m3		100	
Concentrate from water purification		102 kg/m3		100	
Is there a description of the data accuracy for the manufacturing data?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If “yes”, please specify:		

Other information:

6 Distribution of finished product

Does the supplier put into practice a system for returning load carriers for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the supplier put into practice any systems involving multi-use packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the supplier take back packaging for the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Is the supplier affiliated to REPA?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

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Other information:

7 Construction phase

Are there any special requirements for the product during storage?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: dry storage
Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:

Other information:

8 Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:			
Does the product have any special energy supply requirements for operation?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:			
Estimated technical service life for the product is to be entered according to one of the following options, a) or b):						
a) Reference service life estimated as being approx.	<input type="checkbox"/> 5 years	<input type="checkbox"/> 10 years	<input type="checkbox"/> 15 years	<input type="checkbox"/> 25 years	<input checked="" type="checkbox"/> >50 years	CommentsCorresponds to the life of the building
b) Reference service life estimated to be in the interval of	years					

Other information:

9 Demolition

Is the product ready for disassembly (taking apart)?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
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Does the product require any special measures to protect health and environment during demolition/disassembly?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:
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Other information:

10 Waste management

Is it possible to re-use all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: when undamaged
Is it possible to recycle materials for all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: when undamaged
Is it possible to recycle energy for all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: wood material waste to energy
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
Enter the waste code for the supplied product				
Is the supplied product classed as hazardous waste?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		

Data in fields highlighted in green are requirements in compliance with the Ecocycle Council guidelines.

If the chemical composition of the product differs after having been built in from that which it had at the time of delivery, meaning that another waste code is given to the finished **built in** product, then this should be entered here. If it is unchanged, the following details can be omitted.

Enter the waste code for the **built in** product

Is the **built in** product classed as hazardous waste? Yes No

Other information:

11 Indoor environment (To add a new green row, select and copy an entire empty row and paste it in)

When used as intended, the product gives off the following emissions:			<input type="checkbox"/> The product does not have any emissions	
Type of emission	Quantity [$\mu\text{g}/\text{m}^2\text{h}$] or [$\text{mg}/\text{m}^3\text{h}$]		Method of measurement	Comments
	4 weeks	26 weeks		
Formaldehyde	0,006 $\text{mg}/\text{m}^2\text{h}$		EN 717-1	
TVOC	<0,002 $\text{mg}/\text{m}^2\text{h}$		EN ISO 16000-9 EN ISO 16000-6	

Can the product itself give rise to any noise?		<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Value	Unit	Method of measurement		
Can the product give rise to electrical fields?		<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Value	Unit	Method of measurement		
Can the product give rise to magnetic fields?		<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Value	Unit	Method of measurement		
Other information:				

References

Appendices

Safety data sheets: paint, Geveboard c/c 8143 and varnish: UVILUX 124-75
Parafindispersion: MSDS HydroWax pro A16