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#### EU ECOLABEL USER MANUAL FURNITURE

Commission Decision for the award of the EU Ecolabel for furniture (2016/1332/EU)

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#### Declaration: 1. Product Description

#### to be completed by the applicant

Please provide technical drawings that illustrate the different components and subcomponents used in the assembly of the product;

Please provide bills of material for the product (excluding packaging) using the table below.

#### Bill of materials: Material Weight (kg) % of total product weight Solid wood/wood-based panels Cork Bamboo Rattan **Plastics** Metals Leather **Textiles** Coated fabrics Glass Padding/filling materials Other (please specify) Total 100% Signature of person bearing legal responsibility Position held Date: Company stamp:

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## Declaration compilation: 2.1 Restriction of SVHCs to be completed by the applicant

Please fill out the details below and indicate where written declarations have been provided for supplied component parts/materials and the final furniture product itself.

Complete additional sheets if necessary.

Declarations of non-presence of SVHCs above 0.1% (weight by weight)

Description of supplied component part/material	Supplier company (contact details optional)		Declaration of non- presence provided?
Final furniture product (name)	Insert applicant (	details in this box	
Signature of person bear responsibility	ring legal		
Position held			
Date:			
Company stamp	:		

An example declaration for each individual supplier to provide is given below.

Declaration: 2.1 Restriction of SVHCs				
to be completed by the supplier/applic	ant			
As the manufacturer/supplier of declare that the supplied component part/material a version of the ECHA Candidate List at the date of the	•			
Signature of person bearing legal responsibility				
Position held				
Date:				
Company stamp:				

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# Declaration: 2.2(a) CLP restriction of Substances and mixtures used by the furniture manufacturer to be completed by the applicant

Please fill out the details below and include any hazard classification information of all substances and mixtures used directly by the furniture manufacturer in any treatment or processing of the component parts/materials used in the furniture product (add sheets if necessary).

What hazard Name of CAS No classification does	If classified, is this harmonised	If classified by self declaration, indicate with an X what supporting evidence is provided.			cate with porting	Indicate by which means the substance / mixture meets the requirement.				
substance / mixture used	(if available)	the substance / mixture have (if any)	or by self declaration?	Toxicological studies	Safety Data Sheet (SDS)	Documented expert judgement	Attestation by an accredited body	No restricted classification	Applied in quantities where unreacted residue or active substances is <0.1%	Compliance with derogation conditions

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# Declaration compilation: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials

Compilation of declarations to be completed by the applicant

Please fill out the details below and indicate where written declarations have been provided for supplied component parts/materials and the final furniture product itself.

Complete additional sheets if necessary.

Declarations of the non-presence of CLP restricted substances and mixtures defined in criterion 2.2(b) above 0.1% (weight by weight – unless derogated.)

Description of supplied component part/material	Supplier company (contact details optional)		Declaration of non-presence provided? (Y/N)
Signature of person bear responsibility	ring legal		
Position held			
Date:			
Company stamp			

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## Declaration: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials

by suppliers of defined component parts/materials			
to be completed by the supplier of any components	solid wood or wood-based panel		
As the manufacturer/supplier of	d in the supplied component part either:		
<ul> <li>do possess at least one of the CLP hazards the supplied component part at concentration</li> </ul>	listed in Table 1 of Criterion 2 but do not remain in ons >0.1% (w/w) or listed in Table 1 of Criterion 2 but are derogated in		
Signature of person bearing legal responsibility			
Position held			
Date:			
Company stamp:			
Declaration: 2.2(b) CLP restriction	of substances and mixtures used		
by suppliers of defined component	: parts/materials		
to be completed by the supplier of any	plastic components		
As the manufacturer/supplier of	, I, the undersigned, hereby lucts or flame retardants used as additives in the		
the supplied component part at concentrati	listed in Table 1 of Criterion 2 but do not remain in ons >0.1% (w/w) or listed in Table 1 of Criterion 2 but are derogated in		
Signature of person bearing legal responsibility			
Position held			

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Date:

Company stamp:

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#### Declaration: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials to be completed by the supplier of any metal components As the manufacturer/supplier of \_ , I, the undersigned, hereby declare that any paints, primers or varnishes applied to the metal surface of the supplied metal component part/material either: do not possess any of the CLP hazards listed in Table 1 of Criterion 2 or do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but do not remain in the supplied component part at concentrations >0.1% (w/w) or do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but are derogated in Table 2 of Criterion 2.2 and derogation conditions are respected Signature of person bearing legal responsibility Position held Date: Company stamp:

## Declaration: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials

to be completed by the supplier of any textile, leather or coated fabric materials

As the manufacturer/supplier of \_\_\_\_\_\_\_\_, I, the undersigned, hereby declare that any dyestuff, varnishes, optical brighteners, stabilisers, auxiliary compounds, flame retardants, plasticisers biocidal products or water/dirt/stain repellents used as additives in the supplied textile, leather or coated fabric material either:

- do not possess any of the CLP hazards listed in Table 1 of Criterion 2 or
- do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but do not remain in the supplied component material at concentrations >0.1% (w/w) or
- do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but are derogated in Table 2 of Criterion 2.2 and derogation conditions are respected

Signature of person bearing legal responsibility	
Position held	
Date:	
Company stamp:	

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## Declaration: 2.2(b) CLP restriction of substances and mixtures used by suppliers of defined component parts/materials

#### to be completed by the supplier of any upholstery padding materials

As the manufacturer/supplier of \_\_\_\_\_\_\_, I, the undersigned, hereby declare that any dyestuff, varnishes, optical brighteners, stabilisers, auxiliary compounds, flame retardants, plasticisers biocidal products or water/dirt/stain repellents used as additives in the supplied upholstery padding material either:

- do not possess any of the CLP hazards listed in Table 1 of Criterion 2 or
- do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but do not remain in the supplied component material at concentrations >0.1% (w/w) or
- do possess at least one of the CLP hazards listed in Table 1 of Criterion 2 but are derogated in Table 2 of Criterion 2.2 and derogation conditions are respected

Signature of person bearing legal responsibility	
Position held	
Date:	
Company stamp:	

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## Declaration: 3.1 Wood and wood-based materials - Sustainable wood

to be completed by the Applicant but ONLY where the total amount of wood and/or wood based components exceeds 5% w/w of the final furniture product (excluding packaging)

Please fill in the table below indicating the source of each wood or wood based component and details of the relevant certification scheme – complete additional sheets if necessary.

Suitable certification systems that meet this requirement include FSC and PEFC. Other schemes will be permitted where they can be shown to be equivalent to the requirements of these schemes.

Requirement	Detail
Description of wood or wood based component in the furniture product.	
Weight (kg) Weight (as % of total product weight, excluding packaging)	
% from certified source (please provide details of the forest management certification scheme and number)	
% recycled fibres (please provide supporting information e.g. supplier invoices etc.)	
% of wood from uncertified sources (please provide details of the verification scheme that ensures it comes from legal sources)	
Chain of custody (CoC) certification: name and certificate number of supplier	

Please provide copies of all CoC certificates of your suppliers and your own CoC certificate as well as details of your own CoC account, which shows the amount of certified wood and wood based materials purchased and sold.

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#### Declaration: 3.2 a) Contaminants in recycled wood

#### to be completed by the Wood based panel manufacturer

I, the undersigned, the supplier/manufacturer of wood based panels to \_\_\_\_\_\_(please insert the name of the applicant) declare that:

#### (please delete option 1 or 2, as appropriate)

- 1. The wood based panel does/does not contain recycled fibres.
- 2. Any recycled wood fibres that may be present in the supplied wood-based panels have been tested in accordance with the 2002 "EPF Standard conditions for the delivery of recycled wood", complying with the limits set out below.

Contaminant	Amount (mg/kg recycled wood)	Contaminant	Amount (mg/kg recycled wood)
Arsenic (As)	25	Mercury (Hg)	25
Cadmium (Cd)	50	Fluorine (F)	100
Chromium (Cr)	25	Chlorine (Cl)	1000
Copper (Cu)	40	Pentachlorophenol (PCP)	5
Lead (Pb)	90	Creosote (Benzo(a)pyrene)	0.5

I attach supporting test reports together with this declaration.

Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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## Declaration: 3.2 b) Heavy metals in paints, primers and varnishes to be completed by the Applicant or material supplier, as appropriate

to be completed by the Applicant of the	accitat soppiter, as appropriate			
Supplier Declaration				
I the undersigned, hereby declare that Paints, Primers or Varnishes used on the				
(name of solid wood or wood-based panel pro	• • • • • • • • • • • • • • • • • • • •			
	not contain additives based on cadmium, lead,			
chromium VI, mercury, arsenic or selenium, at concentrations exceeding 0.010% w/w for each individual metal in the in-can paint, primer or varnish formulation.				
Applicant Declaration				
I the undersigned, hereby declare that any Paints, F	Primers or Varnishes used on wood or wood-hased			
	iture product(s)) do not contain additives based on			
cadmium, lead, chromium VI, mercury, arsenic or se	elenium, at concentrations exceeding 0.010% w/w			
for each individual metal in the in-can paint, prime	r or varnish formulation.			
Please attach the safety data sheets (SDS) in	respect of each paint, primer or varnish used.			
Signature of person bearing legal				
responsibility				
Position held				
Company Name in CAPITALS:				
Date:				
Company Stamp:				

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#### Declaration: 3.2 c) VOC content in paints, primers and varnishes

to be completed by the Applicant but ONLY where coated wood and/or wood based materials exceeds 5% w/w of the final furniture product (excl. packaging) AND if compliance with criterion 9.5 is NOT demonstrated.

Please only proceed if the combined content of solid wood and any wood-based panels exceeds 5% of the product weight (excluding packaging)

I, the undersigned, confirm that the paints, primers and varnishes used met the requirements of criterion 3.2(c) by the following manner(s): (please insert more rows and/or merge cells as appropriate)

		Means of compliance with VOC restrictions			
Component / material supplied	Coating formulation used	VOC content <5% → SDS + supplier declaration	Less than 30g/m² applied → SDS + calculation*	30-60g/m² applied → SDS + calculation + proof of technical quality**	

<sup>\*</sup>please fill out calculation sheet on the next page

Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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Calculation sheet: 3.2 c) VOC content in paints and varnishes to be completed by the Applicant or coated panel supplier, as appropriate

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<sup>\*\*</sup>please fill out calculation sheet on the next page and provide proof of compliance with minimum quality requirements for EN 12720, 12721, 12722 and 15186.



## Calculation sheet: 3.2 c) VOC content in paints and varnishes to be completed by the Applicant or coated panel supplier, as appropriate

I, the undersigned, confirm that the following \_\_\_\_\_\_ (enter coated product name) solid wood panel / wood-based panel (delete as appropriate) complies with the limit of total VOC applied (in g/m² coated surface area) according to the calculations below.

Please note that the data is averaged and may vary slightly from one individual unit or product batch to another.

#### If more than one coating substance is used, please repeat the calculation and add up the total VOC contents

Requirement	Value	Unit
A: Total coated surface area per unit product		m²
B: The VOC content of the coating compound		g/L
C: The volume of coating compound present before the coating operation*		L
D: The volume of coating compound remaining after the coating operation*		L
E: The number of identical units processed during the coating operation		
F: Total area coated (=AxE)		m²
G: Total volume of coating compound used (=C-D)		L
H: Total VOC applied to surface (=BxG)		g
Total VOC applied per m² (=H/F)		g/m²

<sup>\*</sup> note that weight measurements can be used instead of volume so long as the density of the coating compound is known and accounted for in the calculation

Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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#### Declaration: 3.3 Formaldehyde emissions: Supplier

#### to be completed by the wood-based panel supplier

I the undersigned, hereby declare that the	
<b>panel generic type, i.e. particleboard, plywood, n</b> formaldehyde emission requirements of criterion 3.3 declaration using one or more of the following standa	and provide test reports to support this
50% of E1:	
Test value according to EN 717-1 = (mi	ust be ≤ 0.062 mg/m³)
Test value according to EN 717-2 = (mi	ust be ≤ 1.75 mg/m²h)*
*(can be $\leq$ 2.5 mg/m <sup>2</sup> h for plywood, solid wood panels 3 days of chamber test)	s or laminated veneer lumber if measured within
Test value according to EN 120 = (mu	ıst be ≤ 4 mg/100g oven dry board)
CARB Phase II:	
Test value according to ASTM E1333 = for particleboard, ≤ 0.11 ppm for medium density fibr fibreboard).	
Test value according to ASTM D6007* =	* <del>-</del>
Test value according to ASTM D5582* =	* <del>-</del>
*results according to secondary ASTM methods (i.e. ar accompanied by a declaration from the testing labora considered to produce results equivalent to ASTM E13	tory stating that the method used can be
Japanese F star (3 or 4 star):	
Test value according to JIS A 1460 = (must	the $\leq 0.5$ mg/L for 3 star or $\leq 0.3$ mg/L for 4 star)
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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### Declaration: 3.3 Formaldehyde emissions: Applicant

#### to be completed by the Applicant

I the undersigned, hereby declare that no further formaldehyde-based surface treatment was applied to supplied panels and that the panels were not modified in any other way that would compromise compliance with the formaldehyde emission limits already declared by the wood/wood based panel supplier.

Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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#### Declaration: 4.1 Marking of plastic components

#### to be completed by the Applicant

I the undersigned, hereby declare that the following information provided about the plastic parts is accurate and that none of these parts are based on PVC.

Please complete the following table and provide the corresponding safety data sheet or a statement from the plastic supplier that details the polymer type and any additives used that account for more than 1% of the plastic weight. Add additional sheets if necessary.

(weight in grams) ISO 11469 and EN ISO 1043 (parts 1-4)		Justification for not marking. Please provide evidence that further details of the polymer type and any additives (as per the requiremenmts of EN ISO 11469 and EN ISO 1043 (parts 1-4) are included in the information provided to customers.
Signature of person bearing legal responsibility		
Positio	n held	
Company Name in CAPITALS:		
Date:		
Company Stamp:		

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# Declaration: 4.2 Heavy metals in plastic additives to be completed by the Applicant

I the undersigned, hereby declare the following plastic components in the \_\_\_\_\_\_ (insert name of furniture product) comply with the requirements under criterion 4.2 and indicate which evidence is enclosed to demonstrate compliance. Add additional sheets if necessary.

Plastic component /	Committee or	Evidence submitted	
raw material	Supplier	Declaration from supplier	Test Report
Signature of perso respons			
Position	held		
Company Name	in CAPITALS:		
Date	e:		
Company	Stamp:		

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	Declaration: 4	2 Heav	y metals ir	n plastic	c additives
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	eted by each Supplier of any pl n, the Applicant will be require			
component(s)) t		(please insert name of plastic _ (please insert the name of the applicant)		
hereby declare th	hat none of the parts are based on PVC a	nd that either:		
	plastic components have been manufact I (CrVI), lead (Pb), mercury (Hg) or tin (Sn,		ontaining cadmium (Cd),	
Or				
	d accredited laboratory test reports show the following limits:		· .	
Metal	Method	Limit (r	ng/kg)	
Metat	Method	Virgin	Recycled.	
Cd	XRF* or digestion followed by ICP** or AA***	100	1000	
Pb	or other adequate method for measuring	100	1000	
Sn	total metal content.	100	1000	
Hg CrVI****	EN 71-3	100 0.020	0.20	
** ICP = Inductively co	scence, testing can be destructive or non-destructive oupled plasma spectroscopy.  In the properties of the properties o		old vapour process)	
Signature of p	person bearing legal responsibility			
	Position held			
Company Name in CAPITALS:				
	Date:			
	Company Stamp:			

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Weight in

%

Weight of



#### Declaration: 4.3 Recycled plastic content: Applicant

#### to be completed by the Applicant

Only relevant where >20% weight/w of the furniture product is due to plastic parts

Description of Plastic Part(s)	Name of Supplier	furniture product	Recycled content	Recycled content
_				
Total			Total	
Overall average % r	ecycled content			-
Please provide declaratio Supplier (see next declara		ocumentation j	from each pla:	stic parts
Signature of perso responsi				
Position	held			
Company Name	in CAPITALS:			
Date	<u>.</u>			

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## Declaration: 5.1 Electroplating restrictions: Applicant to be completed by the Applicant

I the undersigned, hereby declare the following metal components in the	(insert
<b>name of furniture product</b> ) comply with the requirements under criterion 5.1 and indicate	which
evidence is enclosed to demonstrate compliance. Complete additional sheets if necessar	<b>'y.</b> .

		Evidence submitted		
Metal component	Supplier	Declaration from supplier plus test report*	Test Report**	
Signature of person bearing legal responsibility				
Position held				
Company Name in CAPITALS:				
Date:				
Company Stamp:				

<sup>\*</sup>test report is only for nickel release and only when nickel electroplating is used

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Declaration: 5.1 Electroplating restrictions: Supplier to be completed by each metal component Supplier

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<sup>\*\*</sup>only applicable in the absence of a suitable declaration

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Declaration: 5.1 Electroplating restrictions: Supplier			
to be completed by each metal component Supplier			
As the supplier of the following metal components:			
<ul> <li>the component has been electroplated (Y/N) (ij)</li> <li>compounds based on the following metals have been no compounds based on chromium VI or cadmium has Only where nickel is one of the metals used in electropy that nickel release rates are less than 0.5 μg/cm²/we reports)</li> </ul>	n used for electroplating ave been used ( <b>Y/N</b> ) plating:		
Signature of person bearing legal responsibility			
Position held			
Company Name in CAPITALS:			
Date:			
Company Stamp:			

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#### EU ECOLABEL FURNITURE USER MANUAL



# Declaration: 5.2 Heavy metals in paints, primers and varnishes to be completed by the Applicant or material supplier, as appropriate

	aterial supplier, as appropriate			
Supplier Declaration				
I the undersigned, hereby declare that Paints, Primers or Varnishes used on the				
	m, lead, chromium VI, mercury, arsenic or selenium, individual metal in the in-can paint, primer or varnish			
formulation.	navidadi metat in the in can paint, primer or variisi			
Applicant Declaration				
I the undersigned, hereby declare that any Paints, F	Primers or Varnishes used on metal components in <b>ct(s)</b> ) do not contain additives based on cadmium,			
lead, chromium VI, mercury, arsenic or selenium, at	<u> </u>			
individual metal in the in-can paint, primer or varni	sh formulation.			
Please attach the safety data sheets (SDS) in	respect of each paint, primer or varnish used.			
Please attach the safety data sheets (SDS) in  Signature of person bearing legal  responsibility	respect of each paint, primer or varnish used.			
Signature of person bearing legal	respect of each paint, primer or varnish used.			
Signature of person bearing legal responsibility	respect of each paint, primer or varnish used.			
Signature of person bearing legal responsibility  Position held	respect of each paint, primer or varnish used.			

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#### Declaration: 5.3 VOC content in paints, primers and varnishes

to be completed by the Applicant but ONLY where coated metal component parts exceed 5% w/w of the final furniture product (excl. packaging) AND if compliance with criterion 9.5 is NOT demonstrated.

compliance with	criterion 9.5 is N	IOT demonstro	ated.		
I, the undersigned, con component parts is			roduct that consists	s of coated metal	
Please only proceed if the combined content of metal component parts exceed 5% of the product weight (excluding packaging)					
I, the undersigned, con 5.3 by the following m				uirements of criterion	1
	Means of compliance with VOC restrictions				
Component / material supplied	Coating formulation used	VOC content <5% → SDS + supplier declaration	Less than 30g/m² applied → SDS + calculation*	30-60g/m² applied → SDS + calculation + proof of technical quality**	
*please fill out calculation **please fill out calculation for EN 12720, 12721, 12	on sheet on the next page		f compliance with mi	nimum quality requirem	ents
Signature of per	son bearing legal re	sponsibility			
	Position held				
Compa	ny Name in CAPITAL	S:			
	Date:				

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Calculation sheet: 5.3 VOC content in paints, primers and varnishes to be completed by the Applicant or coated panel supplier, as appropriate

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## Calculation sheet: 5.3 VOC content in paints, primers and varnishes to be completed by the Applicant or coated panel supplier, as appropriate

I, the undersigned, confirm that the following \_\_\_\_\_\_ (enter coated product name) solid wood panel / wood-based panel (delete as appropriate) complies with the limit of total VOC applied (in g/m² coated surface area) according to the calculations below.

Please note that the data is averaged and may vary slightly from one individual unit or product batch to another.

#### If more than one coating substance is used, please repeat the calculation and add up the total VOC contents

Requirement	Value	Unit
1: Total coated surface area per unit product		m²
2: The VOC content of the coating compound		g/L
3: The volume of coating compound present before the coating operation*		L
4: The volume of coating compound remaining after the coating operation*		L
5: The number of identical units processed during the coating operation		
6: Total area coated (=1x5)		m²
7: Total volume of coating compound used (=3-4)		L
8: Total VOC applied to surface (=2x7)		g
Total VOC applied per m² (=8/6)		g/m²

<sup>\*</sup> note that weight measurements can be used instead of volume so long as the density of the coating compound is known and accounted for in the calculation

Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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# Declaration compilation: 6.1 Upholstery covering materials: Physical quality requirements

to be completed by the Applicant

I the undersigned, hereby declare the following upholstery covering materials in the
( <b>insert name of furniture product</b> ) comply with the requirements under criterion 6.1 and indicate
which evidence is enclosed to demonstrate compliance. <b>Complete additional sheets if necessary.</b>

Upholstery covering material type / trade name		Evidence	submitted	
	Supplier	Declaration from supplier plus test report*	Test Report**	EU Ecolabel award
Signature of perso				
Position	held			
Company Name in CAPITALS:				
Date:				
Company Stamp:				

<sup>\*</sup> test reports according to material specific requirements of criterion 6.1.

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<sup>\*\*</sup>from tests commissioned by applicant - only necessary when material supplier fails to provide suitable evidence.



# Declaration: 6.1 Leather - Physical quality requirements to be completed by supplier of <u>LEATHER</u> upholstery covering materials

	ne leather upholstery covering material supplied to  rt the name of the applicant) meets the physical
requirements as specified below and I a	- · · · · · · · · · · · · · · · · · · ·
- <b>Type of leather:</b> pigmented leather or "other").	(choose from; nubuck, suede, aniline, semi-analine, coated leather,
- pH and ΔpH: ΔpH shall be ≤ 0.7 for all leather types)	(according to EN ISO 4045. Results must be ≥ 3.5 and if pH is <4.0,
- Average tear load:( types)	according to EN ISO 3377-1. Results must be > 20 N for all leather
	(according to EN ISO 11640: Results must be either: <b>50 cycles</b> e leather or <b>500 cycles ≥4 grey scale</b> for all other leather types).
	(according to EN ISO 11640: Results must be either: <b>20 cycles</b> e leather; <b>80 cycles ≥3/4 grey scale</b> for semi-aniline leather or <b>250</b> r types).
11641: Results must be either: <b>20 cycles ≥</b>	fical perspiration): (according to EN ISO 11640 and 3 grey scale for nubuck, suede and aniline leather; 50 cycles ≥3/4 ycles ≥3/4 grey scale for all other leather types).
	ording to EN ISO 105-B02 (method 3). Results must be either: ≥3 blue ≥4 blue scale for semi-aniline leather or ≥5 blue scale for all other
- <b>Dry finish adhesion:</b>	_ (according to EN ISO 11644. <b>Not applicable</b> to nubuck, suede and ${f n}$ for all other leather types)
	according to EN ISO 5402-1. Not applicable to nubuck or suede. Results in must be <b>20000 cycles</b> with no finish damage cracks or <b>50000</b> other leather types).
- Colour fastness to water spotting: scale with no permanent swelling for all lea	(according to EN ISO 15700. Results must be ≥3 grey ther types).
- <b>Cold crack resistance of finish:</b> and aniline leather. Results must show <b>no fi</b>	(according to EN ISO 17233. Not applicable to nubuck, suede inish crack at -15°C).
- <b>Fire resistance:</b> (accorproduct is marketed. All leather types must <b>p</b>	ding to EN 1021 or other relvant national standards in country where pass).
Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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# Declaration: 6.1 Textile fabrics - Physical quality requirements to be completed by supplier of <u>TEXTILE FABRIC</u> upholstery covering materials

the undersigned, hereby declare that the textile fabric upholstery covering material supplied to (please insert the name of the applicant) meets the physical			
requirements as specified below and I a			
- Intended use of covering material:washable" or "non-removable and washable"	(choose from; "removable and		
removable covering materials. According to I washing/drying cycles at specified temperatu commercial washing at a minimum of 75°C. ticking fabrics, ±5.0% for non-woven ticking	(Not applicable to non- SO 6330 and EN ISO 5077 for domestic washing with 3 are on product label or according to ISO 15797 and EN ISO 5077 for Results should be within ±2.0% for woven fabrics, ±3.0% for woven fabrics or ±6.0% for other non-woven fabrics).		
15797 and ISO 105-C06, at a minimum of 7	(according to ISO 105-C06 for domestic washing or ISO '5°C, for commercial washing. Not applicable to non-removable 3-4 for colour change and ≥ level 3-4 for staining).		
	(Not applicable to white fabrics or fabrics that are SO 105 X12: Results must be:≥ level 2-3 for removeable and non-		
	(Not applicable to white fabrics or fabrics that are neither X12: Results must be:≥ level 4 for removable and non-removable		
removeable and non-removable covering ma	(According to ISO 105 B02: Results must be:≥ level 5 for aterials. The requirement can be reduced to :≥ level 4 if the fabric is id consists of more than 20% wool/other keratin fibres or more than		
- <b>Fabric resistance to pilling</b> : or ISO 12945-2 for woven fabrics. Results r	(According to ISO 12945-1 for knitted and non-woven fabrics nust be:>3 for both removable and non-removable covering materials).		
- <b>Fabric resistance to abrasion (optional):</b> (According to ISO 12947-2. Good results are indicated by a minimum of 50000 cycles using the Martindale method. Applicable to both removable and non-removable fabrics).			
Signature of person bearing legal responsibility			
Position held			
Company Name in CAPITALS:			
Date:			
Company Stamp:			

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# Declaration: 6.1 Coated fabrics - Physical quality requirements to be completed by supplier of <u>COATED FABRIC</u> upholstery covering materials

I the undersigned, hereby declare that the coated fabric(s) supplied as an upholstery covering material to (please insert the name of the applicant) meets the physical		
requirements as specified below and I attach copies of the relevant test reports.		
- Tensile strength:	_ (According to ISO 1421. Results must be Warp (CH) $\geq$	
35daN and Weft (TR) ≥ 20daN).		
- <b>Tear resistance of plastic film and sheeting by th</b> (According to ISO 13937/2. Results must be Warp (CH) ≥		
- Colour fastness to artificial weathering: ISO 105 B02. Results must be $\geq$ 6 for indoor use or $\geq$ 7 f		
- <b>Textiles – abrasion resistance</b> : 5470/2. Result must be ≥ 75000).	(Measured by the Martindale method according to ISO	
- <b>Coating adhesion:</b> (According to $(TR) \ge 1.5 daN)$	EN 2411. Results must be Warp (CH) ≥ 1.5daN and Weft	
*daN stands for deca-Newtons		
Signature of person bearing legal responsibility		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

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# Declaration compilation: 6.2 Upholstery covering materials: Chemical testing requirements

#### to be completed by the Applicant

I the undersigned, hereby declare the following upholstery covering materials in the
( <b>insert name of furniture product</b> ) comply with the requirements under criterion 6.2 and indicate
which evidence is enclosed to demonstrate compliance. <b>Complete additional sheets if necessary.</b>

Upholstery covering Evidence		e submitted		
material type / trade name	Supplier	Declaration from supplier plus test report*	Test Report**	EU Ecolabel award
Signature of person bearing legal responsibility				
Position held				
Company Name in CAPITALS:				
Date:				
Company Stamp:				

<sup>\*</sup> test reports according to material specific requirements of criterion 6.1.

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<sup>\*\*</sup>from tests commissioned by applicant - only necessary when material supplier fails to provide suitable evidence.



## Declaration: 6.2 Leather - Chemical testing requirements to be completed by supplier of <u>LEATHER</u> upholstery covering materials

I the undersigned, hereby declare that the leather upholstery covering material supplied to \_\_\_\_\_ (please insert the name of the applicant) meets the requirements for residual chemicals as specified below and I attach copies of relevant test reports.

Chemical	Test method	Limit (mg/kg)	Result(s)
Restricted arylamines*	EN ISO 17234-1	Individual limits for 24 arylamines are ≤ 30 per arylamine	
Chromium VI	EN ISO 17075	≤ 3	
Free formaldehyde	EN ISO 17226-1	≤ 20 for children's furniture** ≤ 75 for all other furniture	
Extractable heavy metals	EN ISO 17072-1	$As(\le 1.0)$ ; $Sb(\le 30.0)$ ; $Cd(\le 0.1)$ ; $Co(\le 4.0)$ ; $Cr(\le 200.0)$ ; $Cu(\le 50.0)$ ; $Hg(\le 0.02)$ ; $Ni(\le 1.0)$ ; $Pb(\le 1.0)$	
Chlorophenols	EN ISO 17070	Pentachlorophenol ≤ 0.1 Tetrachlorophenol ≤ 0.1	
Alkylphenols	EN ISO 18218-2 (indirect method)	Sum total limit ≤ 100 for 9 alkylphenols and alkylphenolethoxylates and their derivatives (see list in criterion 6.2).	
Polycyclic Aromatic Hydrocarbons	AfPS GS 2014:01 PAK	Individual limits ≤ 1 for 8 PAHs (see list in criterion 6.2) Sum total limit ≤ 10 for 18 PAHs (see list in criterion 6.2)	
Chloralkanes	EN ISO 18219	C10-C13 (SCCP): not detectable C14-C17 (MCCP) ≤ 1000	

<sup>\*</sup> Full list is provided in Appendix III of Commission Decision (EU) 2016/1332. Limit of detection for EN ISO 17234-1 is 30mg/kg.

Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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<sup>\*\*</sup> Furniture designed specifically for babies and children less than 3 years old.



## Declaration: 6.2 Textile fabric or coated fabric - Chemical testing requirements

to be completed by supplier of <u>TEXTILE FABRIC</u> or <u>COATED FABRIC</u> upholstery covering materials

I the undersigned, hereby declare that the leather upholstery covering material supplied to \_\_\_\_\_\_ (please insert the name of the applicant) meets the requirements for residual chemicals as specified below and I attach copies of relevant test reports.

Chemical	Test method	Limit (mg/kg)	Result(s)
Restricted arylamines*	EN ISO 14362-1 and 14362-3	Individual limits for 24 arylamines of ≤ 30 per arylamine	
Free formaldehyde	EN ISO 14184-1	≤ 20 for children's furniture** ≤ 75 for all other furniture	
Extractable heavy metals	EN ISO 105 E04	As(≤1.0); Sb(≤30.0)***; Cd(≤0.1); Co(≤4.0); Cr(≤2.0); Cu(≤50.0); Hg(≤0.02); Ni(≤1.0); Pb(≤1.0)	
Alkylphenols	EN ISO 18254 (for APEOs) Solvent extraction plus LC-MS or GC-MS for APs	Sum total limit ≤ 25 for 9 alkylphenols (APs) and alkylphenolethoxylates (APEOs) and their derivatives (see list in criterion 6.2).	
Polycyclic Aromatic Hydrocarbons	AfPS GS 2014:01 PAK	Individual limits ≤ 1 for 8 PAHs (see list in criterion 6.2) Sum total limit ≤ 10 for 18 PAHs (see list in criterion 6.2)	
N,N- Dimethylacetamide (CAS No. 127-19-5)	Solvent extraction followed by LC- MS or GC-MS	≤ 50	

<sup>\*</sup> Full list is provided in Appendix III of Commission Decision (EU) 2016/1332. Limit of detection for EN ISO 17234-1 is 30mg/kg.

Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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<sup>\*\*</sup> Furniture designed specifically for babies and children less than 3 years old.

<sup>\*\*\*</sup> If the tested textiles have been treated with ATO as a synergist, in accordance with the derogation conditions for ATO use in entry (c) of Table 2 in criterion 2, then it shall be exempted from compliance with the leaching limit for antimony.



## Declaration compilation: 6.3 Upholstery covering materials: Restrictions during production processes

#### to be completed by the Applicant

\*Only applicable if upholstery covering materials account for more than 1.0% w/w of the total furniture product weight (excluding packaging)

I the undersigned, hereby declare the following upholstery covering materials in the (insert name of furniture product) comply with the requirements under criterion 6.3 and indicate which evidence is enclosed to demonstrate compliance. Complete additional sheets if necessary.

Upholstery covering	Supplier	Evidence submitted			
material type / trade name		Supplier declaration(s)	SDS	Test Report	EU Ecolabel award
Signature of persons					
Position held					
Company Name in CAPITALS:					
Date:					
Company Stamp:					

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# Declaration: 6.3 Upholstery covering materials: Restrictions during production processes

to be completed by the Supplier or Manufacturer of upholstery covering(s)

If any textile fabrics have been awarded the EU Ecolabel, providing a copy of the EU Ecolabel certificate shall be considered sufficient proof of compliance with this criterion.				
I the undersigned, the manufacturer of the leather /	textile fabric / coated fabric ( <b>delete as appropriate</b> )			
upholstery coverings supplied to	(please insert the name of the			
applicant), hereby declare that the materials suppl	ied comply with the relevant production process			
reauirements stated below:				

Requirement	Statement from supplier/manufacturer (please state if criterion is relevant and if any supporting documentation is provided)
<b>1a)</b> All non-ionic and cationic detergents and surfactants used in dyeing and finishing stages are ultimately biodegradable under anaerobic conditions.	(declaration from chemical supplier and SDS required)
<b>1b)</b> None of the following substances have been used during dyeing and finishing operations:  DTDMAC, DSDMAC, DHTDMAC, EDTA, DTPA, 4-(1,1,3,3-tetramethylbutyl)phenol, NTA.	(SDS of the formulations used required to be cross-checked)
<b>1c)</b> None of the following solvents have been used in any mixtures or formulations:  2-Methoxyethanol; N,N-dimethylformamide; 1-Methyl-2-pyrrolidone; Bis(2-methoxyethyl) ether; 4,4'-Diaminodiphenylmethane; 1,2,3-trichloropropane; 1,2-Dichloroethane (ethylene dichloride); 2-Ethoxyethanol; Benzene-1,4-diamine dihydrochloride; Bis(2-methoxyethyl) ether; Formamide; N-methyl-2-pyrrolidone; Trichloroethylene	(SDS of formulations used required to be cross-checked)
<b>2(i)</b> If any disperse dyes have been used in dyeing and printing processes, they were not used with halogenated dyeing accelerants (carriers)	(SDS of formulations used required to be cross- checked)
<b>2(ii)</b> No chrome mordant dyes have been used during dyeing and printing processes	(SDS of dyes used required to be cross-checked)
<b>2(iii)</b> No pigments based on cadmium, lead, chromium VI, mercury, arsenic or antimony have been used during dyeing and printing processes.	(If relevant, SDS of pigments used required to be cross-checked)
<b>3(i)</b> No fluorinated (including per- and poly-fluorinated) substances have been used to provide a water or stain repellent function and any alternative non-fluorinated substances used for this purpose demonstrate inherent ultimate or ready biodegradability and a low potential to bioaccumulate (log Kow of < 3.2 and BCF < 100).	(If relevant, SDS of water/dirt/stain repellents used required to be cross-checked as well as test results of biodegradability and potential to bioaccumulate)
Section 4 is only relevant to the leather production pro	cess
<b>4(i)</b> Final effluent COD conc. is < 200mg/L	(test report(s) to support declaration)
<b>4(ii)</b> Final effluent total chromium conc. is < 1.0mg/L	(test report(s) to support declaration)
<b>4(iii)</b> Annual average water consumption meets one of the following relevant limits: 28m³/t of processed hides; 45m³/t of processed skins; 35m³/t vegetable tanned leather or 80m³/t of processed pig skin; 180 L/ processed sheep skin.	(Declaration with optional company reporting information)

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#### EU ECOLABEL FURNITURE USER MANUAL

# Declaration: 6.3 Upholstery covering materials: Restrictions during production processes to be completed by the Supplier or Manufacturer of upholstery covering(s) Signature of person bearing legal responsibility Position held Company Name in CAPITALS: Date: Company Stamp:

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## Declaration: 6.4 Cotton and other natural cellulosic seed fibres to be completed by the textile fabric Supplier/ Manufacturer

I the undersigned, hereby declare that the cotton-based textile fabrics supplied to \_\_\_\_\_ (please insert the name of the applicant) meet the requirements of criterion 6.4 according to compliance route \_\_\_\_ described below and attach the appropriate supporting evidence.

Route	oute Compliance route Supp		oorting evidence attached	
1	Textile fabric carries the EU Ecolabel	Declaration plus a copy of the certificate awarded und Commission Decision 2014/350/EU		
2	Cotton content in textile fabric consists of at least 70% recycled cotton	Declaration of the minimum recycled content, supported delivery invoices and chain of custody certificates tracing material back to reprocessing centres		
3	Cotton content in textile fabric, excluding any recycled cotton, is at least 10% organic certified	Declaration of the minimum organic cotton content, supported by transaction records and/or invoices of orgar cotton deliveries on an annual and production line basis Evidence of screening tests for common genetic modifications in any remaining non-organic cotton conter		
4	Cotton content in textile fabric, excluding any recycled cotton, is at least 20% IPM certified	Declaration of the minimum IPM cotton content, supporte by evidence of supplying farm(s) participation in formal IP and ICM programmes and/or are audited under third part certified IPM schemes.  Claims should be presented on an annual basis for countr of origin or on purchase records.  A further declaration(s) should be provided from the supplying farm(s) that none of the pesticides listed in criterion 6.4(b) have been used during the cultivation of IP cotton.		
Signature of person bearing legal responsibility				
Position held				
Company Name in CAPITALS:				
Date:				
Company Stamp:				

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# Declaration: 7.1 a) Latex foam: Restricted substances to be completed by the Applicant / latex foam supplier or manufacturer

I the undersigned, the manufacturer of latex foam / intermediate supplier of latex foam / applicant (please delete as appropriate) hereby declare that the material supplied complies with the relevant chemical residue restrictions stated below and attach copies of relevant test reports.

Group of substances	Substance	Limit (ppm)	Test Method	Result (ppm)
	mono- and di-chlorinated phenols	1	5 g of sample shall be milled and	
	(salts and esters)	1	chlorophenols extracted in the form of	
			phenol (PCP), sodium salt (SPP) or esters.	
Chlorophenols			The extracts analysed by means of gas	
	Other chlorophenols	0.1	chromatography (GC). Detection shall be	
			made with mass spectrometer or electron	
	A = (A =; =)	0.5	capture detector (ECD).	
	As (Arsenic)	0.5	Milled sample material is eluted in accordance with DIN 38414-S4 or	
	Cd (Cadmium) Co (Cobalt)	0.1	equivalent in a ratio of 1:10. The resultant	
	Cr (Chromium), total	1	filtrate shall be passed through a 0.45 µm	
	Cu (Copper)	2	membrane filter (if necessary by pressure	
		0.02	filtration). The solution obtained shall be	
Heavy metal	Hg (Mercury) Ni (Nickel)	1	examined for the content of heavy metals	
,	Pb (Lead)	0.5	by inductively coupled plasma optical	
	PD (Leau)	0.5	emission spectrometry (ICP-OES), also	
			known as inductively coupled plasma atomic	
	Sb (Antimony)	0.5	emission spectrometry (ICP-AES), or by	
	•		atomic absorption spectrometry using a	
			hydride or cold vapour process	
	Aldrin	0.04		
	o,p-DDE	0.04		
	p,p-DDE	0.04		
	o,p-DDD	0.04		
	p,p-DDD	0.04		
	o,p-DDT	0.04		
	p,p-DDT	0.04	2 - of compute in system at adding an outstanding	
	Diazinone	0.04	2 g of sample is extracted in an ultrasonic bath with a hexane/dichloromethane mixture	
	Dichlorfenthion	0.04	(85/15). The extract is cleaned up by	
	Dichlorvos	0.04	acetonitrile agitation or by adsorption	
	Dieldrin	0.04	chromatography over florisil. Measurement	
	Endrin	0.04	and quantification are determined by gas	
Pesticides*	Heptachlor	0.04	chromatography with detection on an	
	Heptachlorepoxide	0.04	electron capture detector or by coupled gas	
	Hexachlorobenzene	0.04	chromatography/mass spectrometry. The	
	Hexachlorocyclohexane	0.04	testing on pesticides is requested for latex	
	α-Hexachlorocyclohexane	0.04	foams with a content of at least 20%	
	β-Hexachlorcyclohexane	0.04	natural latex	
	γ-Hexachlorocyclohexane (Lindane)	0.04		
	δ-Hexachlorocyclohexane	0.04		
	Malathion	0.04		
	Methoxichlor	0.04		
	Mirex	0.04		
	Parathian mathyl	0.04		
	Parathion-methyl	0.04	Following milling and weighing of the latex	
Other specific			following milling and weighing of the latex foam, headspace sampling shall be	
substances	Butadiene	1	performed. Butadiene content shall be	
that are	Datadiciic	*	determined by gas chromatography with	
restricted		1	detection by flame ionisation.	1

 $<sup>^{\</sup>ast}$  Only for foams composed of natural latex for at least 20% by weight.

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#### EU ECOLABEL FURNITURE USER MANUAL

Declaration: 7.1 a) Latex foam: Restricted substances		
to be completed by the Appl	icant / latex foam supplier or manufacturer	
Signature of person bearing legal responsibility		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

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# Declaration: 7.1.b) Latex foam: 24h VOC emissions to be completed by the Applicant / latex foam supplier or manufacturer

I the undersigned, the manufacturer of latex foam / intermediate supplier of latex foam / applicant (please delete as appropriate) hereby declare that the material supplied complies with the relevant chemical residue restrictions stated below and attach copies of relevant test reports.

Substance	Limit	Test Methods	Result	
Substance	(mg/m³)	rest methods	(mg/m³)	
1,1,1 – trichloroethane	0.2	Chamber test analysis carried out by an accredited laboratory in		
4-Phenylcyclohexene	0.02	accordance with ISO 16000-9. The wrapped sample shall be stored at room temperature at		
Carbon Disulphide	0.02	least for 24 hours. After this period the sample shall be		
Formaldehyde	0.005	unwrapped and immediately transferred into the test chamber.		
Nitrosamines*	0.0005	The sample shall be placed on a sample holder, which allows air access from all sides. The climatic factors shall be adjusted		
Styrene	0.01	according to ISO 16000-9. For comparison of test results, the		
Tetrachloroethylene	0.15	area specific ventilation rate (q=n/l) shall be 1. The ventilation		
Toluene	0.1	rate shall be between 0.5 and 1. The air sampling shall be done		
Trichlorethylene	0.05	24±1 h after loading of the chamber during 1 hour on DNPH cartridges for the analysis of formaldehyde and other aldehydes		
Vinyl chloride	0.0001	and on Tenax TA for the analysis of other volatile organic		
Vinyl cyclohexene	0.002	compounds. Sampling duration for other compounds may be		
Aromatic hydrocarbons (total)	0.3	longer but shall be completed before 30 hours.  The analysis of formaldehyde and other aldehydes shall comply		
VOCs (total)	0.5	with the standard ISO 16000-3. Unless specified differently, the analysis of other volatile organic compounds shall comply with the standard ISO 16000-6.  Testing following the standard CEN/TS 16516 shall be considered as equivalent to those of the ISO 16000 series of standards.  The analysis of nitrosamines shall be done by means of gas chromatography in combination with a thermal energy analysis detector (GC-TEA), in accordance with the BGI 505-23 method (formerly: ZH 1/120.23) or equivalent.		
		odiethylamine (NDEA), N-nitrosomethylethylamine (NMEA), odi-n- propylamine (NDPA), N-nitrosodi-n-butylamine (NDBA),		
		eridine (NPIP), N-nitrosomorpholine (NMOR).		
Signature of per	rson bearing			
legal respoi	nsibility			
Position	held			
Company Name	in CAPITALS:			
Date	·:			
Company S	Stamp:			

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### Declaration: 7.2 a) Polyurethane (PUR) foam: Restricted substances and mixtures

#### to be completed by the PUR foam Manufacturer/Applicant, as appropriate

I the undersigned, declare the following statements and results below are accurate and comply with the requirements of criterion 7.2(a) of Commission Decision (EU) 2016/1332/EU for EU Ecolabel furniture substances/mixtures have not been intentionally added to the polyurethane foam supplied to \_\_\_\_\_\_ (please insert the name of the applicant):

- That no biocidal products have been intentionally used.
- That no flame retardants have been intentionally used (unless in accordance with the conditions laid out in entries b) and c) of the derogation table in criterion 2.2 of Commission Decision (EU) 2016/1332).
- That no phthalate plasticisers listed on the ECHA candidate list have been intentionally used.
- That none of the following substances have been intentionally added: Chlorinated or brominated dioxins or furans; Chlorinated hydrocarbons: (1,1,2,2-Tetrachloroethane, Pentachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethylene); Chlorinated phenols (PCP, TeCP, 87-86-5); Hexachlorocyclohexane (58-89-9); Monomethyldibromo-Diphenylmethane (99688-47-8); Monomethyldichloro-Diphenylmethane (81161-70-8); Nitrites; Polybrominated Biphenyls (PBB, 59536-65-1); Pentabromodiphenyl Ether (PeBDE, 32534-81-9); Octabromodiphenyl Ether (OBDE, 32536-52-0); Polychlorinated Biphenyls (PCB, 1336-36-3); Polychlorinated Terphenyls (PCT, 61788-33-8); Tris(2,3-dibromopropyl) phosphate (TRIS, 126-72-7); Trimethylphosphate (512-56-1); Tris-(aziridinyl)-phosphinoxide (TEPA, 545-55-1); Tris(2-chloroethyl)-phosphate (TCEP, 115-96-8); Dimethyl methylphosphonate (DMMP, 756-79-6).

I also confirm that the analytical test results for the following compounds in the PUR foam are as follows and use the methodology described. I also attach copies of the test reports.

Substance group	Substance (acronym, CAS number)	Limit value	Test Method	Test Result
Heavy Metals	As (Arsenic)	0.2 ppm	m	
	Cd (Cadmium)	0.1 ppm	Milled sample material is eluted in accordance	
	Co (Cobalt)	0.5 ppm	with DIN 38414-S4 or equivalent in a ratio of	
	Cr (Chromium), total	1.0 ppm	1:10. The resultant filtrate shall be passed	
	Cr VI (Chromium VI)	0.01 ppm	through a 0.45 µm membrane filter (if necessary by pressure filtration). The solution	
	Cu (Copper)	2.0 ppm	obtained shall be examined for the content of	
	Hg (Mercury)	0.02 ppm	heavy metals by atomic emission spectrometry	
	Ni (Nickel)	1.0 ppm	with inductively coupled plasma (ICP-AES or	
	Pb (Lead)	0.2 ppm	ICP-OES) or by atomic absorption spectrometry	
	Sb (Antimony)	0.5 ppm using a hydride or cold vapour process		
	Se (Selenium)	0.5 ppm	g/	
Plasticizers	Dibutylphthalate (DBP, 84-74-2)*  Di-n-octylphthalate (DNOP, 117-84-0)*  Di (2-ethylhexyl)-phthalate (DEHP, 117-81-7)*  Butylbenzylphthalate (BBP, 85-68-7)*  Di-iso-decylphthalate (DIDP, 26761-40-0)  Di-iso-nonylphthalate (DINP, 28553-12-0)	0.01% w/w (sum of all 6 phthalates in furniture for children <3 years old) *0.01% w/w (sum of 4 phthalates in all other furniture products)	Extraction shall be performed using a validated method such as the subsonic extraction of 0.3 g of sample in a vial with 9 ml of t-Butylmethylether during 1 hour followed by the determination of phthalates by GC using a single ion monitoring mass selective detector (SIM Modus).	
TDA and MDA	2,4 Toluenediamine (2,4- TDA, 95-80-7)	5.0 ppm	Extraction of a 0.5 g composite sample in a 5ml syringe shall be performed with 2.5 ml of	

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## Declaration: 7.2 a) Polyurethane (PUR) foam: Restricted substances and mixtures

### to be completed by the PUR foam Manufacturer/Applicant, as appropriate

10 00 0011	preced by the rong	Journ mane	jactorer/Applicant, as approp	
Tinorganic	4,4'- Diaminodiphenylmethane (4,4'-MDA, 101-77-9) Tributyltin (TBT)	5.0 ppm	1% aqueous acetic acid solution. The syringe is squeezed and the liquid returned to the syringe. After repeating this operation 20 times, the final extract is kept for analysis. A new 2.5ml of 1% aqueous acetic acid is then added to the syringe and another 20 cycles repeated. After this, the extract is combined with the first extract and diluted to 10 ml in a volumetric flask with acetic acid. The extracts shall be analysed by high-performance liquid chromatography (HPLC-UV) or HPLC-MS. If HPLC-UV is performed and interference is suspected, reanalysis with high performance liquid chromatography—mass spectrometry (HPLC-MS) shall be performed	
substances	Dibutyltin (DBT)	100 ppb	mixed with at least 30ml of extracting agent	
	Monobutyltin (MBT)	100 ppb	during 1 hour in an ultrasonic bath at room	
	Tetrabutyltin (TeBT)	-	temperature. The extracting agent shall be a	
	Monooctyltin (MOT)	-	mixture composed as follows: 1750 ml	
	Dioctyltin (DOT)	-	methanol + 300 ml acetic acid + 250 ml buffer	
	Tricyclohexyltin (TcyT)	-	(pH 4.5). The buffer shall be a solution of 164	
	Triphenyltin (TPhT)	-	g of sodium acetate in 1200 ml of water and 165 ml acetic acid, to be diluted with water to	
	Sum	500 ppb	a volume of 2000 ml. After extraction the alkyl tin species shall be derivatized by adding 100 µl of sodium tetraethylborate in tetrahydrofuran (THF) (200 mg/ml THF). The derivative shall be extracted with n-hexane and the sample shall be submitted to a second extraction procedure. Both hexane extracts shall be combined and further used to determine the organotin compounds by gas chromatography with mass selective detection in SIM modus	
	Signature of person bearing legal responsibility			
Position held				
Company Name in CAPITALS:				
Date:				
Company Stamp:				

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## Declaration: 7.2 b) Polyurethane foam: 72h VOC emissions to be completed by the PUR foam Manufacturer/Applicant, as appropriate

I the undersigned, declare the following statements and results below are accurate and comply with the requirements of criterion 7.2(b) of Commission Decision (EU) 2016/1332 for EU Ecolabel furniture substances/mixtures have not been intentionally added to the polyurethane foam supplied to

(please insert the name of the applicant):

Substance (CAS number)	Limit (mg/m³)	Test Method	Result (mg/m³)
Formaldehyde (50-00-0)	0.005	The test sample/chamber combination shall be either:	-
Toluene (108-88-3)	0.1	1 sample of 25x20x15 cm dimensions is placed in a 0.5 m <sup>3</sup> test chamber or	
Styrene (100-42-5)	0.005	2 samples of 25x20x15 cm dimensions are placed in a 1.0	
Each detectable compound classified as categories C1A or C1B according to the Regulation (EC) No 1272/2008	0.005	m <sup>3</sup> test chamber. The foam sample shall be placed on the bottom of an emission test chamber and conditioned for 3 days at 23 °C	
Sum of all detectable compound classified as categories C1A or C1B according to Regulation (EC) No 1272/2008	0.04	and 50% relative humidity, applying an air exchange rate n of 0.5 per hour and a chamber loading L of 0.4 m <sup>2</sup> /m <sup>3</sup> (= total exposed surface of sample in relation to chamber dimensions without sealing edges and back) in accordance	
Aromatic hydrocarbons	0.5	with ISO 16000-9 and ISO 16000-11.	
VOCs (total)	0.5	Sampling shall be done 72 $\pm$ 2 h after loading of the chamber during 1 hour via Tenax TA and DNPH cartridges for VOC and formaldehyde analysis respectively. The emissions of VOC are being trapped on Tenax TA sorbent tubes and subsequently analysed by means of thermodesorption-GC-MS in accordance to ISO 16000-6. Results are semi-quantitatively expressed as toluene equivalents. All specified individual components are reported from a concentration limit $\geq 1~\mu g/m^3$ . Total VOC value is the sum of all components with a concentration $\geq 1~\mu g/m^3$ and eluting within the retention time window from n-hexane (C6) to n-hexadecane (C16), both included. The sum of all detectable compounds classified as categories C1A or C1B according to Reg (EC) No 1272/2008 is the sum of all these substances with a concentration $\geq 1~\mu g/m^3$ . In case the test results exceed the standard limits, substance specific quantification needs to be performed. Formaldehyde can be determined by collection of the sampled air onto DNPH cartridge and subsequent analysis by HPLC/UV in accordance to ISO 16000-3.  Testing following the standard CEN/TS 16516 shall be considered as equivalent to those of the ISO 16000 series of standards.	
Signature of person bearing legal responsibility			
Position held			
Company Name in CAPITALS:			
Date:			
Company Stamp:			

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Declaration: 7.2(c) Blowing agents		
to be completed by the PUR foam supplier		
I the undersigned, hereby declare that no halogenated blowing agents (which explicitly include any CFCs, HCFCs and HFCs) have been used in the manufacture of the (insert product name) PUR foam product supplied to (insert name of applicant).		
Signature of person bearing legal responsibility		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		
Declaration: 7.3 Other padding mater	ials_	
to be completed by the Applicant		
Only applicable if the padding material is not late	x foam or PUR foam	
I the undersigned, hereby declare that any "other" padding materials used (i.e. not latex foam and not PUR foam) in the		
Signature of person bearing legal responsibility		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

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### Declaration: Criterion 8 - Glass - use of heavy metals

#### to be completed by the Applicant

This criterion applies to any glass-material included in the final furniture product regardless of the weight fraction it presents

I the undersigned, hereby declare that:

no leaded glass is present in the final furniture product.

Signature of person bearing legal responsibility

Position held

- does not contain lead, mercury or cadmium impurities at levels exceeding 100 mg/kg (0,01% w/w).
- all paint and varnish formulations used on any mirror backing contains less than 2000 mg/kg lead (0.2% w/w).\*

\*please provide the relevant SDS and declarations for the glass supplier to support this declaration.

Company Name in CAPITALS:		
Date:		
Company Stamp:		
Declaration: Criterion 8 – Glass – u	se of heavy metals	
to be completed by the Supplier of the	glass / mirror glass	
This criterion applies to any glass-material in regardless of the weight fraction it presents.	cluded in the final furniture product	
As the supplier of glass/mirror glass to		
Signature of person bearing legal responsibility		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

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## Declaration: 9.1 Final product requirements: Fitness for use to be completed by the Applicant

I the undersigned, hereby declare that the furniture is fit for use. Of the EN standards listed below, please find which (if any) have been identified as relevant to the product and which (if any) have been tested and found to meet fitness for use requirements specified in the standard(s). Where testing has taken place, I also attach copies of any relevant test reports. (see Appendix IV of the Criteria Decision)

Standard from Appendix IV of Commission Decision (EU) 2016/1332	Relevant Yes / No	Tested	Results attached
EN 1021-1 (Upholstered furniture)			
EN 1021-2 (Upholstered furniture)			
EN 527-1 (Office furniture: work tables and desks)			
EN 527-2 (Office furniture: work tables and desks)			
EN 1023-2 (Office furniture – screens)			
EN 1335-1 (Office furniture – work chair)			
EN 1335-2 (Office furniture – work chair)			
EN 14073-2 (Office furniture – storage furniture)			
EN 14074 (Office furniture – tables, desks and storage furniture)			
EN 581-1 (Outdoor furniture – seating and tables)			
EN 581-2 (Outdoor furniture – seating and tables)			
EN 581-3 (Outdoor furniture – seating and tables)			
EN 1022 (Domestic seating)			
EN 12520 (Domestic seating)			
EN 12727 (Ranked seating)			
EN 13759 (Seating and sofa beds)			
EN 14703 (non-domestic seating linked together in a row)			
EN 16139 (non-domestic seating)			
EN 12521 (Domestic tables)			
EN 15372 (Non-domestic tables)			
EN 1116 (Kitchen furniture)			
EN 14749 (Kitchen storage units and worktops)			
EN 597-1 (Beds)			
EN 597-2 (Mattresses and upholstered bed bases)			
EN 716-1 (Children's cots and folding cots for domestic use)			
EN 747-1 (Bunk beds and high beds)			
EN 1725 (Domestic beds and mattresses)			
EN 1957 (Beds and mattresses)			
EN 12227 (Playpens for domestic use)			
EN 16121 (Non-domestic storage furniture)			
EN 1729-1 (Chairs and tables for educational institutions)			
EN 1729-2 (Chairs and tables for educational institutions)			
EN 13150 (Workbenches for laboratories)			
EN 14434 (Writing boards for educational institutions)			
Other EN standards (optional, please specify)			
Other EN standards (optional, please specify)			
Signature of neuron bearing local	•		

Signature of person bearing legal responsibility

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Declaration: 9.1 Final product requirements: Fitness for use		
to be completed by the Applicant		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		
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Declaration: 9.2 Extended product guarante	ee	
to be completed by the Applicant		
I the undersigned, hereby declare that the following product(s)		
(insert name of licensed product(s)) are covered by a minimum (insert number of years, at least 5) year guarantee and attach a copy of the relevant legal text to be included in consumer information.		
Signature of person bearing legal responsibility		
Position held		
Company Name in CAPITALS:		
Date:		
Company Stamp:		

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Declaration: 9.3 Provision of spare parts

to be completed by the Applicant

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### Declaration: 9.3 Provision of spare parts

#### to be completed by the Applicant

I the undersigned, hereby declare that spare parts for the furniture product will be available for a period of at least 5 years from the date of purchase of the product. The parts shall be available without charge during the guarantee period if the goods are found to be faulty during normal use or at a proportionate cost if the goods were damaged by misuse.

I attach a copy of the legal text to be provided to consumers.

Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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### Declaration: 9.4 Design for disassembly

#### to be completed by the Applicant

I the undersigned, hereby declare that the furniture product can be assembled and disassembled using basic tools and unskilled labour. I attached technical drawings that clearly illustrate the assembly and disassembly operations and the associated component parts and tools required.

Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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### Declaration: 9.5 VOC emissions

#### to be completed by the Applicant or component part/material suppliers

Applicable for furniture with leather or coated fabric upholstery or >5% by weight of components (excluding packaging) that do not comply with criterion 3.2(c) or criterion 5.3 for wood-based or metal based components respectively.

I the undersigned, hereby declare that the following furniture product / component part/material (please delete as appropriate and insert name of

**product/part/material tested**) complies with criterion 9.5 according to reasons A, B or C below (**please indicate which and delete the other parts**):

A: VOC testing is not required because no leather or coated fabric upholstery is used and that any coated wooden or metal components comply with criterion 3.2(c) or criterion 5.3 respectively.

B: The assembled furniture product has been tested for VOC emissions, in accordance with ISO 16000 or equivalent methodology and relevant test parameters defined below.

Results for testing of entire furniture product:

Test Parameter		Armchairs and sofas		Office chairs		Other
Chamber volume		In the range of 2-10 m³				
Loading rate		Product should occupy approx. 25% of chamber volume *0.5-1.5 m <sup>2</sup>			*0.5-1.5 m <sup>2</sup> /m <sup>3</sup>	
Ventilation rate		4.0 m³/h 2.0 m³/h *(		*0.5-1.5 h <sup>-1</sup>		
Substance / test	ubstance / test time 3d 28d 3d 28d		28d			
Formaldehyde	Limit	n/a	60 μg/m³	n/a	60 μg/m³	60 μg/m³
	Result					
TVOC	Limit	≤ 3000 µg/m³	≤ 400 µg/m³	n/a	≤ 450 µg/m³	≤ 450 µg/m³
	Result					
TSVOC	Limit	n/a	≤ 100 µg/m³	n/a	≤ 80 µg/m³	≤ 80 µg/m³
	Result					
C-substances**	Limit	≤ 10 µg/m³ (sum total)	≤ 1 µg/m³ (per substance)	≤ 10 µg/m³ (sum total)	≤ 1 µg/m³ (per substance)	≤ 1 µg/m³ (per substance)
	Result					
R-value***	Limit	n/a	≤ 1	n/a	≤ 1	≤ 1
	Result					

<sup>\*</sup> Although there is scope to vary the loading rate and ventilation rate for other furniture items, the ratio between the loading rate  $(m^2/m^3)$  and the ventilation rate  $(h^{-1})$  shall be maintained at 1.0.

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<sup>\*\*</sup> Formaldehyde is excluded from consideration within cumulative carcinogenic VOC emission calculations and instead has its own individual limit.

<sup>\*\*\*</sup> R value = total of all quotients  $(C_i / LCI_i) < 1$  (where  $C_i$  = substance concentration in the chamber air,  $LCI_i$  = LCI value of the substance as defined by the latest data defined under the European Collaborative Action "Urban air, indoor environment and human exposure".

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C: Representative samples of leather upholstery, coated fabric upholstery and/or coated wooden and/or metal components used in the furniture product have been tested for VOC emissions, in accordance with ISO 16000 or equivalent methodology and relevant test parameters defined below.

Results for testing of relevant component parts/materials:

Test Paramet	ter	Coated components		Leather or coated fabric upholstery	
Chamber volu	Chamber volume ≥200 L for wood-based components, ≥ 20L for other components		≥ 20 L		
Ventilation re	ite	0.5 h <sup>-1</sup>		1.5 m³/m².h	
Substance / tes	t time	3d	28d	3d 28d	
Formaldehyde	Limit	n/a	60 μg/m³	n/a	60 μg/m³
romutuenyue	Result				
тчос	Limit	≤ 3000 µg/m³	≤ 400 µg/m³	n/a	≤ 450 µg/m³
	Result				
TSVOC Limit Result	Limit	n/a	≤ 100 µg/m³	n/a	≤ 80 µg/m³
C-substances*	Limit	≤ 10 µg/m³ (sum total)	≤ 1 µg/m³ (per substance)	≤ 10 µg/m³ (sum total)	≤ 1 µg/m³ (per substance)
	Result				
R-value**	Limit	n/a	≤ 1	n/a	≤ 1
	Result				

<sup>\*</sup> Formaldehyde is excluded from consideration within cumulative carcinogenic VOC emission calculations and instead has its own individual limit.

indoor environment and numan exposure	i •
Signature of person bearing	
legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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<sup>\*\*</sup> R value = total of all quotients  $(C_i / LCI_i) < 1$  (where  $C_i$  = substance concentration in the chamber air,  $LCI_i$  = LCI value of the substance as defined by the latest data defined under the European Collaborative Action "Urban air, indoor environment and human exposure".

#### EU ECOLABEL FURNITURE USER MANUAL



#### Declaration: Criterion 10 - Consumer Information

#### to be completed by the Applicant

I the undersigned, hereby declare that the consumer information to be provided with the \_\_\_\_\_ (please insert name of product(s)) contains relevant information pertaining to the following points:

- A product description.
- Information about the polymer types of any plastic components >100g that were not marked in line with the requirements of criterion 4.1.
- A clear statement regarding the conditions under which the furniture product should be used. For example indoors, outdoors, in certain temperature ranges, load bearing capacities and how to correctly clean the product.
- Information regarding the type of glass used, any safety information, its suitability for contact with hard materials such as glass, metal or stone and information regarding the correct disposal of the glass, for example its compatibility or non-compatibility with post-consumer container glass.
- A declaration of compliance with relevant fire safety regulations in the country of sale for upholstered furniture, which flame retardants have been used (if any) and in what materials (if any).
- A declaration of the non-use of biocides in order to provide a final disinfective effect in any furniture that is clearly marketed for indoor use and with outdoor furniture, a declaration of which biocides have been used (if any) and in what materials (if any).
- A statement of compliance with any relevant EN standards as referred to in criterion 10.1.
- Easily understood assembly and disassembly instructions as per the requirements of criterion 10.2.
- Relevant information regarding the terms and conditions of the product guarantee, which shall meet the minimum requirements laid out by Directive 1999/44/EC and any further requirements according to national legislation in the country of sale
- Relevant contact information regarding provision of spare parts as per the requirements of criterion 10.2.

Signature of person bearing legal responsibility	
Position held	
Company Name in CAPITALS:	
Date:	
Company Stamp:	

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# Declaration: Criterion 11 – Information appearing on the EU Ecolabel to be completed by the Applicant

to be completed by the ripping in			
I the undersigned, hereby declare that the statements to appear with the EU Ecolabel for the  (please insert name of product(s)) shall be as follows:			
1:			
2			
3			
Respecting the list of permitted comments provided in criterion 11 of Commission Decision (EU) 2016/1332.			
Signature of person bearing legal responsibility			
Position held			
Company Name in CAPITALS:			
Date:			
Company Stamp:			

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