


Product specific requirements: 122. Dishes and Cutlery Kids wood

Version: 3.0
Last update: 07.04.2022

Material	Products	Remark
Bamboos, different wood species, possibly with surface coatings and printing inks	plates, cereal bowls, cups, cutlery, table mats for kids < 3 years	-



No	Parameter	Method	Reference	Requirement
General requirements				
1	Labelling for products with food contact	In House	SR 817.023.21/ EU (EC) No. 1935/2004	<p>Products which have complied with food grade safety, but have not yet come into contact with food when sold, shall be properly labelled: - A word "for foods"(for food contact), or a specific indication of their use or the "glass and fork" symbol</p> <p>The name or trade name and the address or registered office of the party that is responsible for placing the materials or articles on the market Special instructions and precautions on how to use the final product if necessary. Adequate labeling for traceability</p>  <p>Required information shall be provided. Exception: not required if the product is obviously intended for food</p>
2	Labelling	In House	SR 817.023.21/ 2001/95/EC/ EN 14372 (P.7.2)	<p>The name or trade name and the address or registered office of the party that is responsible for placing the materials or articles on the market.</p> <p>Place: Directly on the product, or if technically not possible - on a label / leaflet.</p>
3	Purchase information	In House	SR 817.023.21/ EN 14372 (P.7.2)	<p>a) Product identification information b) recommended age range for using the product; General safety c) Warning and safety instructions. d) Operating or care instructions e) Special instructions and precautions on how to use the final product if necessary</p> <p>- in a clearly visible place; - in easily readable and indelible writing; - in at least one official language (GE/IT/FR).</p> <p>Place: Directly on the product or packaging or label or on a leaflet.</p> <p>It is recommended that products or packaging be batch coded.</p> <p>If some information is included in a leaflet within the packaging, a note indicating that this is the case.</p>
4	Instructions for use	In House	EN 14372 (P.7.3)	<p>The following information shall be provided</p> <ol style="list-style-type: none"> 1) information for the safe use of the product; 2) at least one method of cleaning; 3) before first use, clean the product; 4) unsuitable common methods of storage, cleaning and use which might damage the product (e.g. microwaves, sunlight, dishwasher detergent); 5) if the product can be used for heating food, unsuitable methods of heating.
5	Warning	In House	EN 14372 (P.7.4)	<p>The following warnings shall be provided in the form given:</p> <p>For your child's safety and health Warning!</p> <p>Always use this product with adult supervision. Before each use, inspect the product. Throw away at the first sign of damage or weakness. Always check food temperature before feeding.</p>
6	Labelling for wood items	In House	SR 944.021	<p>Add. requirements for Switzerland: Trade name of the timber! Place of origin of the timber!</p> <p>Place: on the product itself, in its immediate proximity or on the packaging; if technically not possible- in some other easily accessible, legible way (shelf, catalogue); - in at least one official language (DE/IT/FR)</p>
7	Information to name of the timber	In House	SR 944.021	<p>Add. requirements for Switzerland: - Indicate the trade name of the timber and the scientific name of the timber; (set down by the EAER) - Several timber species may be given - The indication 'mixed timber' is permitted if made of diff wood fibre; - If >3 components made of different timber species, min.3 species must be indicated. - The timber species of a veneer must be indicated if it covers the surface of a product.</p>
8	Information to place of origin of the timber	In House	SR 944.021	<p>Add. requirements for Switzerland: - The place of origin of the timber (the country in which the timber was harvested) - Several possible countries of origin may be given - If >5 countries of origin - the smallest geographical area from which the timber originated may be given - The indication 'origin unknown' are allowed - At least the place of origin of 3 species that make up the largest proportion by mass of the product must be indicated. - The place of origin of a veneer must be indicated if it covers the surface of a product.</p>
9	Further instructions	In House	With reference to EN 14350-1 (P.8.3)	<ol style="list-style-type: none"> 1) Before first use place in boiling water for 5 minutes. This is to ensure hygiene. 2) Clean before each use.

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10	Care instruction	In House	SR 817.023.21/ SR 946.51	Recommended add. information, Example: - Only rinse by hand. - Wooden plates are recommended to be dried with a damp cloth to avoid cracks, mould etc. as well as to prevent fast deterioration. In at least one official language (DE/IT/FR).
Chemical requirements to the main material				
11	Sensory test	DIN 10955	(EU) 1935/2004; ResAP(2004)5	< 3
12	Wood preservatives: 1. Arsenic or arsenic compounds 2. Tar oils	GC-MS	SR 814.81	Treated wood may not be placed on the market: a. creosote (CAS no. 8001-58-9); b. creosote oil (CAS no. 61789-28-4); c. distillates (coal tar), naphthalene oils (CAS no. 84650-04-4); d. creosote oil, acenaphthene fraction (CAS no. 90640-84-9); e. distillates (coal tar), upper (CAS no. 65996-91-0); f. anthracene oil (CAS no. 90640-80-5); g. tar acids, coal, crude (CAS no. 65996-85-2); h. creosote, wood (CAS no. 8021-39-4); i. low-temperature coal (CAS no. 22384-78-5).
13	Migration of certain elements	EN 14372 tested in accordance with 6.3.1 Analytical method specified in EN 71-3	EN 14372 P 5.4.2.2 Table 2	Shall comply with the requirements: Soluble Lead (Pb): 25 mg/kg Soluble Antimony (Sb): 15 mg/kg Soluble Arsenic (As): 10 mg/kg Soluble Barium (Ba): 100 mg/kg Soluble Cadmium (Cd): 20 mg/kg Soluble Chromium (Cr): 10 mg/kg Soluble Mercury (Hg): 10 mg/kg Soluble Selenium (Se): 100 mg/kg
14	Specific migration of formaldehyde for wood and bamboo (incl. components of cutlery and feeding utensils)	tested according to 6.3.4	EN 14372 P 5.4.2.5	15 mg/kg formaldehyde migration liquid.
15	Arsenic (As) (specially for Bamboo)	DIN EN ISO 11885 ICP-OES	SR 814.81 EG 1907/2006 EN 14372 P 5.4.2.4	Ban on use treated wood may not be placed on the market
16	Dimethylfumarat	GC-MS	SR 814.81 EG 1907/2006	0,1 mg/kg
17	Overall Migration	EN 1186	SR 817.023.21 P.1.4-2.4;	60 mg/kg (in food or liquid simulant)
Paints, varnishes or colourants (if any) (specific requirements for Switzerland listed in Annex 10): https://www.blv.admin.ch/dam/blv/de/dokumente/lebensmittel-und-ernaehrung/rechts-und-vollzugsgrundlagen/lebensmittelrecht2017/anhang10-verordnung-materialien-kontakt-lm-gg.pdf.download.pdf/Anhang_10.pdf				
18	Lead (Pb), total content	DIN EN ISO 11885, ICP-OES	SR 817.023.21 Annex 2	n.d. in coating 100 mg/kg
19	Cadmium (Cd), total content	DIN EN ISO 11885, ICP-OES	SR 817.023.21 Annex 2	n.d. in coating 100 mg/kg
20	Colour release	24th Commun. on the testing of plastics, BGBL 15 (1972) 285	SR 817.02	No color release
21	Polycyclic aromatic hydrocarbons (PAH)	AIPS GS 2019:01 PAK	SR 817.023.41	EU 8 PAH: n.d. 0.2 mg/kg (each)

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GENERAL REQUIREMENTS				
22	Hygiene	Actual Use	-	All surfaces intended to come into contact with food shall be easily cleanable under normal circumstances.
23	Visual and Tactile Examination	EN 14372 P 5.2.1	-	All components of cutlery and feeding utensils when assembled for use, shall be free from points and edges which are likely to cause injury; The material shall be visually clean and free from infestation. Should be dense enough to resist slice marks that harbour bacteria and be easy to clean. should have a smooth, hard surface and rounded corner that will not chip/crack Metallic wires and accessible points shall not present an unreasonable risk of injury. The article shall be free from splinters, burrs and flash.
24	Sharp points & edges	EN 14372 P 5.2.2 & 3	-	Test in accordance with EN 71-1. Accessible points shall not be sharp points as determined in accordance with 6.2.1. Test in accordance with EN 71-1. Accessible edges shall not be sharp edges as determined in accordance with 6.2.2.
25	Small Parts	EN 14372 P 5.2.4	-	When inserted into a small parts cylinder (see Figure 4), no component part of tested sample shall fit entirely within the cylinder in any orientation and without compression.
26	Shearing and squeezing points	With reference to EN 14372 P 5.2.1	-	There shall be no accessible shearing and squeezing points that are created by loads during normal use. The edges of parts moving relative to each other and creating shearing and squeezing points shall be as specified in point.2.
27	Drop test	EN 14372 P 5.3.5	-	Test according to EN 71-1. If the product breaks, a warning shall be provided as given: This product may break if dropped
28	Holes (Finger traps) (applies only to components made of materials with a Shore A hardness of more than 60 IRHDs)	EN 14372 P 5.2.5	-	No accessible hole which allows the insertion of a 5,5 mm diameter rod, unless the accessible hole also allows the insertion of a 12 mm diameter rod or has a penetration of < 10 mm.
PHYSICAL CHARACTERISTICS				
29	Overall Dimensions (cm & inch) (if claimed)	Standard Measure	-	Report Actual. Shall comply with any claims (-0%, +5%).
30	Overall Weight (kg & lbs) (if claimed)	Standard Measure	-	Report Actual. Shall comply with any claims (-0%, +5%).
MECHANICAL REQUIREMENTS (14372:2004-11)				
31	Tensile strength (products with more than one component)	EN 14372 P 5.3.1	-	Test according to 6.2.3. No component shall break, tear or separate during this test.
32	Torque test (if a component can be gripped between thumb and forefinger)	EN 14372 P 5.3.2	-	Test according to EN 71-1. No component shall break, tear or separate during this test.
33	Tear resistance (Components out of materials with a Shore A hardness of <60 IRHD)	EN 14372 P 5.3.3	-	Test according to 6.2.4. (excluding suction pads) The tested component shall not break, tear or separate during the subsequent tensile test.
34	Strength / rigidity (applicable to cutlery)	EN 14372 P 5.3.4	-	Test according to 6.2.5 No component of cutlery shall break, tear or separate.

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PERFORMANCE TESTING				
35	Dishwashing durability (If Applicable)	EN 12875-1	-	Except silver-plated, aluminium and cast iron unless claimed to be dishwasher safe: 125 cycles by hot setting 60 °C – no breakage or adverse effects, no decoration coating color change. Load in bottom rack unless claimed top loading only. If failure, must include warning label on package.
36	Hand Wash durability (if dishwasher is not applicable)	In-House Method	-	Shall exhibit no exterior surface degradation, no color change and damage after being hand washed 5 times using a national brand soap 0.5% liquid detergent at peak of 40±5°C, followed by rinse in cold water.
37	Stain Resistance	Actual Use	-	No permanent staining after applying mustard, spaghetti sauce to different spots. Let stand 2 hours. Wash 1 cycle in hot dishwasher (Or if not dishwasher safe, soak 30 min. in hot, soapy water).
38	Moisture Content (%) (For Solid Wood)	In House Method	-	Moisture content determined: 8 – 12%
39	Effects of Humidity (For Solid Wood)	In House Method	-	No change after 24 hours at 95% RH & 40°C (100°F)