# Criteria for services, environment, specific labels and hazardous substances in procurement of furniture for school

1. Artificial leather **must not** contain PVC.
2. The furniture **must not** be treated with surface treatments or finishing products with the following risk hazard classification according to CLP-regulation (1272/2008):

H300, H301, H310, H311, H330, H331 Acute toxicity
H370, H372 Toxic to body organs

H350, H351 Carcinogenic

H340, H341 Mutagenic

H360, H361 Toxic for reproduction

H334 Allergenic

H400, H410, H411 Dangerous to the environment

1. The furniture **must not** be treated with surface treatments or finishing products containing chromium (VI).
2. Metal parts intended for contact with skin (e.g. armrests) **must not** be treated with chromium/nickel.
In exceptional cases, the surface treatment of metals with nickel and/or zinc in combination with chromium (III) is accepted for components (e.g. undercarriages, legs etc.) on stackable furniture, folding furniture or furniture that can be subjected to heavy wear, especially in public environments.
Exemptions: small details like staples, screws, nails hinges or fittings which in total represent < 5% by weight of the total weight.
3. All included material in tendered products, e.g. textile, padding material and plastic, **must not** contain any of the flame retardants below, that is none of the flame retardants listed below have been actively added or that the levels do not exceed 0.1% by weight.

|  |  |
| --- | --- |
|  |  |
| Polybrominated biphenyls (PBBs) | CAS-nr: 59536-65-1 |
| Decabromodiphenyl ether (DekaBDE) | CAS-nr: 1163-19-5 |
| Pentabromodiphenyl ether (PentaBDE) | CAS-nr: 32534-81-9 |
| Oktabromodiphenyl ether (OktaBDE) | CAS-nr: 32536-52-0 |
| Tris (2,3-dibromopropyl) phosphat (TBPP) | CAS-nr: 126-72-7 |
| Tris (1-aziridinyl) phosphin oxide (TEPA) | CAS-nr: 545-55-1 |
| Hexabromocyklododecan (HBCDD) | CAS-nr: 25637-99-4 |
| Tris (2 kloretyl) phosphat (TCEP) | CAS-nr: 115-96-8 |
| Short-chain chlorinated paraffines Antimontrioxid | CAS-nr: 85535-84-8CAS-nr: 1309-64-4 |

Electronics (e.g. electric motors and electric cables) are exempted.

1. Adhesives that are used to produce the piece of furniture must contain **less than** 10% VOC by weight and also contain less than 0.2% free formaldehyde by weight.
2. Plastic, including artificial leather, **must not** contain pigments or additives based on lead or cadmium. Levels must not exceed 0.01% by weight per component.
3. Plastic, including artificial leather, **must not** contain short-chain chlorinated paraffines (SCCP). That is no (SCCP) have been actively added or are included. Content must not exceed 0.01% by weight as measured value per component.
4. Plastic parts **must not** contain PVC.
Electrical components (e.g. power cables) and coated fabric/artificial leather on furniture in healthcare environment where regular disinfection with alcohol is required are excluded from this requirement. Small plastic parts (e.g. screws, pins and fasteners are excluded from this requirement.
5. Plastic parts exceeding 50 grams **must** be marked according to ISO 11469 or another equivalent standard. Exception can be granted if the furniture producer can show that it is technically impossible to mark the plastic parts.
6. Tendered products **must not** contain phthalates classified as hazard classification H360 according to CLP. That is no phthalates have been actively added and that the measured levels do not exceed 0.1% by weight per component.
7. Tendered products with wood-based flat panels containing formaldehyde-based components **must** fulfill the requirements corresponding to E1 according to SS-EN 13986 or another equivalent standard.
8. Water repellant impregnation **must not** contain PFAS.
9. Emissions of formaldehyde (CAS nr 50-00-0) from textiles **must** be <300 ppm.
10. Spare parts **must** be available for at least five years after the date of delivery. Spare parts refers to function related components which, if they are broken, the part of furniture will be partly or completely unusable, e.g. hinges, spring catches, electrical components and chest drawer systems.
11. No chemicals included in ECHA´s candidate list of SVHC may be contained in levels of > 0,1% by weight in tendered furniture.
12. Tendered products **must not** contain the following colouring agents and pigments in levels exceeding 50 mg/kg for each colouring agent

| **Colouring Agent**  | **CAS-nr** |  |
| --- | --- | --- |
| **Dispersion Agents** |  |
| C.I. Disperse Blue 3 | 2475-46-9 |  |
| C.I. Disperse Blue 7 | 3179-90-6 |  |
| C.I. Disperse Blue 26 | 3860-63-7 |  |
| C.I. Disperse Blue 35 | 12222-75-2 |  |
| C.I. Disperse Blue 102 | 12222-97-8 |  |
| C.I. Disperse Blue 106 | 12223-01-7 |  |
| C.I. Disperse Blue 124 | 61951-51-7 |  |
| C.I. Disperse Brown 1 | 23355-64-8 |  |
| C.I. Disperse Orange 1 | 2581-69-3 |  |
| C.I. Disperse Orange 37/76 | 13301-61-6 |  |
| C.I. Disperse Red 1 | 2872-52-8 |  |
| C.I. Disperse Red 11 | 2872-48-2 |  |
| C.I. Disperse Red 17 | 3179-89-3 |  |
| C.I. Disperse Yellow 1 | 119-15-3 |  |
| C.I. Disperse Yellow 9 | 6373-73-5 |  |
| C.I. Disperse Yellow 39 | 12236-29-2 |  |
| C.I. Disperse Yellow 49 | 54824-37-2 |  |
|  C.I. Disperse Blue 1 |  2475-45-8 |  |
|  C.I. Disperse Orange 11 |  82-28-0 |  |
|  C.I. Disperse Orange 149 |  85136-74-9 |  |
| C.I. Disperse Orange 3 | 730-40-5 |  |
| C.I. Disperse Yellow 3 | 2832-40-8 |  |
| **Colouring agent**  |  |
| Acid Red 26 | 3761-53-3 |  |
| **Basic (cationic) colouring agent** |  |
|  C.I. Basic Red 9 |  569-61-9 |  |
| **Mordant** (betningsmedel) |  |
| Sodium dichromate | 10588-01-9 |  |
| **Direct** |  |
|  C.I. Direct Black 38 |  1937-37-7 |  |
|  C.I. Direct Red 28 |  573-58-0 |  |
|  C.I. Direct Blue 6 | 2602-46-2 |  |
| **Pigment** |  |
| Cadmium sulphide | 1306-23-6 |  |
| Lead orange | 1314-41-6 |  |
| Sodium chromate | 7775-11-3 |  |
| Potassium dichromate | 7778-50-9 |  |
| Acetic acid, lead salt, basic | 51404-69-4 |  |

**Proof of compliance**

The supplier shall, at the request of the buyer, be able to submit a certificate to ensure that all environment requirements are met. The supplier can than send in one of the following certificates:

* Certification system that meets the requirements, for example a license in accordance with the Swan criteria for furniture and furnishings

or

* License in accordance with Möbelfakta

or

* Provider certificate, e.g. Möbelfakta´s requirements specifikation

or

* Technical documentation from the manufacturer showing that the requirement is met.