

## Subcontractor's certificate, products for surface treatment

### 2.1.6 Surface treatment of wood, plastic & metal

**Exemptions from the requirements for surface treatment:** Small details like staples, screws, nails, hinges or fittings which in total represent <5% by weight of the total weight.

**Recommendation for care environment:** certain environments in health care, can in some exceptional cases have requirements for regular disinfection with alcohol. Purchasers can when required indicate that they accept the exception from Möbelfakta's environmental requirements for surface treatment of furniture intended for healthcare environment because repeated shelling can mean stress on the surface. It is suggested that procurers clarify what they want by the following wording: "The surface must cope daily wiping with disinfectant - preferably cleaning with 50% isopropanol or 70% alcohol." The purchaser can specify that the exception is accepted, for example, for solvent-based polyurethane lacquers and classifications H400, H410, H411, H412 and H413 are allowed. You can also make exceptions for H334. **NOTE that this is NOT a general exemption at Möbelfakta for the healthcare environment, but only a recommendation to the individual purchaser/client for the healthcare environment that want to disinfect the furniture regularly with alcohol.**

#### 2.1.6.1 Surface treatment – risk hazard classifications

The furniture/product must not be treated with surface treatments or finishing products that are labelled with the following risk hazard classifications. A safety data sheet (SDS according to REACH CLP-regulation no 1272/2008) must be available for **all used surface treatment products**.

For surface treatment with chromium III in combination with nickel and/or zinc see section 2.1.6.4 Surface treatment – chrome-plating.

Hazard classification	Hazard statement according to regulation 790/2009
Acute toxicity	H300, H301, H310, H311, H330, H331
Toxic to body organs	H370, H371, H372, H373
Carcinogenic	H350, H351
Mutagenic	H340, H341
Toxic for reproduction	H360, H361
Allergenic	H334
Dangerous to the environment	H400, H410, H411, H412, H413
	<i>If the use of surface treatment products is required for technical reasons, products labelled as dangerous to the environment (H400, H410, H411, H412, H413) may be acceptable if the content of environmentally hazardous substance &lt;14 g/ per m2 of surface.</i>

### 2.1.6.2 Surface treatment – aromatic substances/solvents

The contents of aromatic\* solvents/hydrocarbons in used surface treatments/finishing products must not exceed 1.0% by weight. A valid safety data sheet (SDS according to REACH CLP-regulation no 1272/2008) must be available for all used surface treatment products.

\* *Examples of aromatic solvents: toluene, xylene and similar.*

### 2.1.6.3 Surface treatment – VOC (volatile organic compounds)

Surface treatments or finishing products containing VOC (vapour pressure > 0.01kPa\*) are accepted provided that the applied amounts of the actual VOC components do not exceed:

- 35 g/m<sup>2</sup> for domestic furniture.
- 60 g/m<sup>2</sup> for office, public and outdoor furniture.

Documentation from the supplier of the surface treatment product specifying the concentration of VOC must be available. The furniture producer must be able to show how the amount of added VOC has been calculated. Exceptions from above requirements for VOC may be made if the amount of applied VOC is less than 5% by weight based on the total amount of applied coating product OR if the amount of applied VOC is less than above limits.

\*According to regulation 2010/75/EU (Industrial Emissions Directive).

### 2.1.6.4 Surface treatment – chrome plating

Valid product data sheet, EPD, product information, certificate from supplier or other documentation verifying that the included components do not have an active additive or that its metal surfaces do not contain passivized chromium VI must be available.

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.

Metal parts intended for contact with skin (e.g. armrests) must not be treated with chromium/nickel.

### 2.1.6.5 SVHC/ECHA's candidate list

No chemicals included in ECHA's candidate list of SVHC may be contained in levels of >0.1% by weight in the components, parts or chemicals that are included or used in the manufacturing of the furniture/product. See <http://echa.europa.eu/en/candidate-list-table>

**We hereby certify that the component/product that the certificate refers to meets the above-stated requirements**

The certificate refers to component/product:

Supplier:

Place/date:

Signature:

Print name:

Title: