

Appendix 17 Metal parts incl. their surface treatment (contact with child or adult)

Completed by the manufacturer/supplier of the surface treatment

Manufacturer/supplier of the surface treatment:
Tradename of the surface treatment product/coating system:

Framework of the declaration

Ingoing substances: All substances regardless of concentration in a used chemical (eg pigment) or chemical mixture (eg adhesive or surface treatment), including additives (such as preservatives and stabilisers) from the raw materials. Substances known to be released from ingoing substances (such as formaldehyde, arylamine and in-situ generated preservatives) are also regarded as ingoing substances.

Impurities: Residuals, pollutants, contaminants et from production, including raw materials production, that remain in a chemical or in the chemical product in concentrations ≤ 100.0 ppm (≤ 0.01000 wt%, ≤ 100.0 mg/kg).

Impurities in the raw materials exceeding concentrations of 1.0% are always regarded as ingoing substance, regardless of the concentration in the chemical product. Examples of contaminants are residues of the following: reagents including monomers, catalysts, byproducts, "scavengers" (i.e. chemicals used to eliminate/minimise adverse substances), cleaning agents for production equipment, and "carry-over" from other/earlier production lines.

This declaration is based on the knowledge we have at the time of the application, based on tests and/or declarations from raw material manufacturers, with reservations for new advances and new knowledge. Should such new knowledge arise, the undersigned is obliged to submit an updated declaration to Nordic Swan Ecolabelling.

If some of the information in this declaration is confidential, the information may be sent directly to the Nordic Swan Ecolabelling.

Requirement O37: Extractable metals	
Extractable metals must be tested in accordance with: Extraction: EN ISO 105- E04 (perspiration-proof (acidic)). Detection: ICP-MS or ICP-OES. Attach test report or relevant certificate.	
For the individual metal part the extractable metals may at most be the following:	
Metal	Extractable metal in mg/kg
Antimony (Sb)	30,0 mg/kg
Arsenic (As)	0,2 mg/kg
Cadmium (Cd)	0,1 mg/kg
Chromium (Cr)	1,0 mg/kg
Cobalt (Co)	1,0 mg/kg
Copper (Cu)	25,0 mg/kg
Lead (Pb)	0,2 mg/kg
Nickel (Ni)	1,0 mg/kg
Mercury (Hg)	0,02 mg/kg
Requirement O38: Total metal content	
For each metal part the total content of the following metals may not exceed: <ul style="list-style-type: none"> • Lead (Pb): 90 mg/kg. • Cadmium (Cd): 45 mg/kg. Documentation: The metal content must be tested in accordance with EPA 3050 B (ICP/MS). Attach test report or relevant certificate.	

Requirement O57: Emission from metal parts with surface treatment	Yes	No
<p>Do the following substances and substance groups comply with the maximum emission levels stated in table below?</p> <p>Documentation: Attach test result form emission performed according to the standard ISO 16000-parts 3, 6, 9, & 11.</p> <p>Alternatively, a certificate for Oeko-Tex class I baby can be used as documentation.</p>		
Table with emission levels of volatile organic compounds mg/m ³ :		
Substance or substance group	Requirement limit	
Formaldehyde (50-00-0)	0,1	
Toluene (108-88-3)	0,1	
Styrene (100-42-5)	0,005	
Vinylcyclohexene (100-40-3)	0,002	
4-Phenylcyclohexene (4994-16-5)	0,03	
Vinylchloride (75-01-4)	0,002	
Aromatic hydrocarbons	0,3	
Volatile organic compounds	0,5	

In case of changes in the composition of products, a new Appendix with fulfillment of requirements must be submitted to Nordic Swan Ecolabelling.

Date:	Company name:
Accountable person, telephone & email:	Signature: