Appendix 20 Plastic, silicone and latex (rubber) (more than 5 wt% and/or contact)

Completed by the manufacturer/supplier of the plastic, silicone and latex

Manufacturer/supplier of the plastic, silicone and latex:
Tradename of the plastic, silicone and latex:

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 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 O64: Halogenated flame retardants	**Yes**	**No**
Are any of the ingoing substances halogenated flame retardants?	☐	☐

Requirement O65: Test of plastic, natural latex and synthetic latex (rubber)	**Yes**	**No**
For natural latex and synthetic latex: Is the content of 1,3-butadiene more than 1 mg/kg latex? **Documentation:** Test protocol from test of the content of 1,3-butadiene in the latex.	☐	☐
For plastic, natural latex and synthetic latex: The requirement thredsholds of the following PAHs in the table below, must be complied with. **Documentation:** Attach test report or certificate. Test, must be performed according to the ZEK 01-2-08 test method from the Central Experience Exchange Committee (ZEK). Alternatively, the PAH requirement can be documented with a GS-Mark AfPS GS 2014: 01 PAK Category 1 or an Oeko-Tex 100 Class I Baby Certificate.		

Table with thredsholds of selected PAHs in the material:		
Substance name	**CAS no.**	**Requirement limit**
Benzo[A]Pyrene	50-32-8	< 0.2 mg/kg
Benzo[E]Pyrene	192-97-2	< 0.2 mg/kg
Benzo[A]Anthracene	56-55-3	< 0.2 mg/kg
Dibenzo[A,H]Anthracene	53-70-3	< 0.2 mg/kg
Benzo[B]Fluoranthene	53-70-3	< 0.2 mg/kg
Benzo[J]Fluoranthene	205-82-3	< 0.2 mg/kg
Benzo[K]Fluoranthene	207-08-9	< 0.2 mg/kg
Chrysene	218-01-9	< 0.2 mg/kg
Benzo[ghi]perylene	191-24-2	< 0.2 mg/kg
Indeno[1,2,3-cd]pyrene	193-39-5	< 0.2 mg/kg

Benzo[A]Pyrene	50-32-8	< 0.2 mg/kg
Benzo[E]Pyrene	192-97-2	< 0.2 mg/kg
Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene,	208-96-8, 83-32-9, 86-73-7, 85-01-8, 129-00-0, 120-12-7, 206-44-0	Sum < 1 mg/kg
Naphthalene	91-20-3	< 1 mg/kg
Sum of 18 PAH *		Sum < 1 mg/kg

*Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene, Chrysene, Benzo[a]anthracene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Benzo[j]fluoranthene, Benzo[a]pyrene, Benzo[e]pyren, Indeno[1,2,3-cd]pyrene, Dibenzo[a,h]anthracene, Benzo[g,h,i]perylene.

Requirement O66: Nitrosamines in latex (rubber) and silicone	**Yes**	**No**
Does the material contain more than 0.01 mg/kg nitrosamines and 0.1 mg/kg nitrosatable substances?	☐	☐
Requirement O67: CMR substances in additives	**Yes**	**No**
The requirement concerns constituent substances in additives which are actively added to the polymer raw material in the master batch or compound in the production of plastic, rubber or latex, and any surface coating of the product element (See the definition of constituent substances in the framework of this declaration)		
Are any ingoing substances used in additives classified in accordance with the table below?	☐	☐

Table CLP-regulation 1272/2008:

Hazard class	**Signal word**	**Hazard statement**
Carcinogenicity	Hazardous, Carc. 1A or 1B	H350
Mutagenicity in reproductive cells	Hazardous, Muta. 1A or 1B	H340
Toxic for reproduction	Hazardous, Repr. 1A or 1B	H360

Requirement O68: Additives and surface coating	**Yes**	**No**
Are any of the ingoing substances on the EU's candidate list in accordance with REACH, 1907/2006/EC, article 59, section 10? *See the definition of ingoing substances and impurities in the top of this declaration.*	☐	☐
Are any of the ingoing substances assessed by the EU to be PBT substances (persistent, bioaccumulative and toxic substances) or vPvB substances (very persistent and very bioaccumulative) in accordance with the criteria in Annex XIII of REACH?	☐	☐
Are any of the ingoing substances considered potential endocrine disruptors in category 1 or 2 on the EU's priority list of substances that are to be investigated further for endocrine disruptive effects? The list can be found here: http://ec.europa.eu/environment/chemicals/endocrine/pdf/final_report_2007.pdf	☐	☐
Are any of the ingoing substances halogenated organic compounds (including chlorinated polymers)? For example PVC, organic chlorinated paraffins, fluorine compounds, flame retardants and bleaching chemicals.	☐	☐
The biocides bronopol and CMIT in combination with MIT are exempt here and have their own threshold value; see below		
Are any of the ingoing substances bisphenol A compounds?	☐	☐
Are any of the ingoing substances biocide chlorophenols (their salts and esters) and dimethyl fumarate?	☐	☐
Does the chemical product contain more than 0.05 wt% bronopol Cas. No. 52-51-7?	☐	☐
Does the chemical product contain more than 0,01 wt% isothiazolinones?	☐	☐

Requirement O68: Additives and surface coating	**Yes**	**No**
Does the chemical product contain more than 0,0015 wt% of the mixture (3:1) of CMIT/MIT (5 chloro-2-methyl-4-isothiazolin-3-one Cas. Nr 247-500-7; 2-methyl-4-isothiazolin-3-one Cas. Nr. 220-239-6)?	☐	☐
Are any of the ingoing substances alkyl phenols, alkyl phenol ethoxylates or other alkyl phenol derivatives*? *Alkyl phenol derivatives are defined as substances which split from alkyl phenols on degradation	☐	☐
Are any of the ingoing substances phthalates listed on REACH's annex XVII**? ** *Note that phthalates listed on the EU candidate list are also excluded*	☐	☐
Are any of the ingoing substances aziridine or polyaziridines?	☐	☐
Are any of the ingoing substances pigments or additives based on lead, tin, cadmium, chromium VI and mercury, and their compounds?	☐	☐
Does the chemical product contain more than 1,00 wt% volatile aromatic compounds?	☐	☐
Only adhesives: Does the product contain more than 3,00 wt% VOC (volatile aromatic compounds)***? ****Volatile organic compounds are here defined as organic compounds with a steam pressure exceeding 0.01kPa, at 20°C. For products and raw materials subject to the EU's directive (2004/42/EC), where steam pressure is not stated.*	☐	☐
Are any of the ingoing substances biocides or biocide products in order to add a disinfecting or antibacterial effect?	☐	☐

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: