



玩具的 天鹅标示

征求意见的建议书
中文版



北欧环境标示系统

北欧部长会议于1989年决定采用一项自愿性的官方环境标签，名为“天鹅”。以下的组织/机构受各自国家政府的委托执行天鹅标示工作。

更多资讯请参照以下网页：

<p>Finland (芬兰): SFS-Miljømerkning (SFS环境标示秘书处) Pb 116 FI-00241 HELSINGFORS (赫尔辛基) 电话: +358 9 1499 331 传真: +358 9 1499 3320 www.sfs.fi/ymparist/ joutsen@sfs.fi</p>	
<p>Danmark (丹麦): Miljømærkesekretariatet (环境标志秘书处) Dansk Standard Kollegievej 6 DK-2920 CHARLOTTENLUND (哥本哈根) 电话: +45 72 300 450 传真: +45 72 300 451 www.ecolabel.dk info@ecolabel.dk</p>	<p>Island (冰岛): Norræn Umhverfismerking á Íslandi Umhverfisstofnun Suðurlandsbraut 24 IS-108 REYKJAVIK (雷克雅未克) 电话: +354 591 20 00 传真: +354 591 20 20 www.svanurinn.is sigrun@ust.is</p>
<p>Norge (挪威): Miljømerking (环境标示基金会) Tordenskiolds g 6B NO-0160 OSLO (奥斯陆) 电话: +47 24 14 46 00 传真: +47 24 14 46 01 www.ecolabel.no info@ecolabel.no</p>	<p>Sverige (瑞典): SIS Miljømerkning AB (SIS环境标示有限公司) SE-118 80 STOCKHOLM (斯德哥尔摩) 电话: +46 8 55 55 24 00 传真: +46 8 55 55 24 01 www.ecolabel.se svanen@sismab.se</p>

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如果注明北欧环境标示为原文作者，则原文内容可以引用。

玩具的天鹅标示

095/征询意见的建议书，中文版

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什么是有天鹅标签的玩具？

一件有天鹅标签的玩具符合严格的卫生和环境要求。这些要求涉及玩具中所包含的材料、表面处理以及原材料和终端产品的生产。要求中特别重视使用认证木材，使用对环境和健康无害的物质以及良好的耐久性能。

一件有天鹅标签的玩具通过相关的检验报告来证明它满足了安全方面的最严格的法规要求。

为什么选择天鹅标示？

- 天鹅标签的卫生与环境要求能够对有关生产商怎样为向可持续性社会的发展作出贡献起到一个指导作用。
- 生产商和经销商可在市场营销中使用天鹅标签。
- 生产商和经销商通过天鹅标签，向顾客和供应商展示自己对环境工作的重视和务实，是一种具有成本效益的简明的手段。
- 更有利于环保的生产运作能够使生产商对未来的卫生与环境的要求有所准备。
- 环境问题错综复杂，充分认识特定的环境事项可能会需要相当长的一段时间。进行天鹅标示可以被看成是对这项工作的一种指南。

什么可以用天鹅标签标示？

适宜于14岁以下儿童的、用以下一种或多种材料制作的玩具可用天鹅标签来标示：

- 木质复合材料
- 金属
- 塑料和橡胶
- 纺织品
- 填充材料

要求所没有涵盖的材料中每种最多可以占玩具重量的1%。要求所没有涵盖的所有材料总共可以占玩具重量的2%。

玩具的定义是：以供儿童游戏为用途而设计、生产和销售的一种产品。玩具必须属于欧盟第88/378/EEG号指令所规定的范畴。

可以用天鹅标签标示的典型的玩具是，供3岁以下儿童使用的拨浪鼓/手摇铃、咬嚼玩具和各种材料做成的游戏用品。积木、娃娃、拼图、电动玩具车和玩具火车轨道也可以用天鹅标签来标示。

从属于有既定环境标签规范的产品类别的玩具，包括纺织产品、笔类和印刷品/纸张产品，也可用天鹅标签标示。它们必须已经达到了其它的评估标准文件中提出的相应的环境标签规范。如需要更多资讯，请与环境标示机构取得联系（地址见本文件首页）。

手工材料不可用天鹅标签标示。手工材料是用于业余爱好、手工制作和绘画艺术的材料，例如成型蜡、黏土和石膏。

不在欧盟第88/378/EEG号指令所规定的范畴内的玩具不可用天鹅标签标示。在附录一中有不能被看成是玩具的21种不同产品范围的一览表，其中包括假奶嘴、运动器械、自行车（车座高度不超过635毫米的玩具自行车除外）、烟火爆竹和玩具武器。

怎样申请？

生产商、进口商和销售商均可申请使用许可证。

每项要求都注以字母K(代表“要求”)以及一个号码。所有有关的要求都必须满足才能授予许可证。

对证明满足各项要求的文件也有具体说明(☒)。只要缺少证明文件就被视为没有满足要求。

申请书

申请书和附加的证明文件应提交玩具销售所在的北欧国家的环境标示机构，地址请看本文件首页。申请书包括一份申请表和所有要求都已满足的证明文件(证明的类型在各项要求中有具体说明)。

有关申请书的更多资讯和所需帮助，请参照北欧各国环境标示机构的网页。

在其他北欧国家的销售

如使用许可证已在某一北欧国家注册登记，则有可能在一个更大范围的市场上使用天鹅标签。以下文件必须提交北欧环境标示机构：

- 在相关国家销售该产品的申请表格
- 相应语版的使用说明
- 描述生产商/进口商/销售商有意采用哪种回收系统的文件。

注册登记是免费的，但必须根据各国的缴费规则缴付标签的年度使用费。

现场查验

在申请书审理趋于尾声时，将进行一次实地查验。查验时，受查验方应当能够出具各种数值计算的基础材料、已呈交的文件的正本、测量记录、采购数据等等，以证实各项要求已经满足。

费用

企业申请使用许可证时须支付申请费，此外，根据有天鹅标签的玩具的销售额还需缴付标签的年度使用费。

问题

如有疑问，请与北欧环境标示机构联系，地址请看本文件首页。

要得到天鹅标签需要满足什么要求？

本文件中提出了一些总体的要求和对各种不同材料的具体要求。为了得到天鹅标签，所有的总体要求和对玩具中包含的各种材料的所有具体要求都必须满足。

为了满足各项要求，应针对具体的要求提交文件。必要文件到位时，要求方被视为满足。

1 玩具及其生产的描述

K1 描述

玩具及其生产必须按照以下的第1至第7点加以描述。如果申请书涉及几种玩具，而所用材料来自同样的供应商，并且这几种玩具中这些材料的含量相同的话，则可提供其中一样有代表性的玩具的信息。

要求所没有涵盖的材料中每种最多可以占玩具重量的1%。要求所没有涵盖的所有材料总共可以占玩具重量的2%。

1. 简述玩具的类型，以及适用于哪个年龄组。
2. 确定玩具和包装的重量。
3. 将玩具包含的材料和小部件(螺丝钉，按钮等)进行分类。
4. 确定各种材料分别的重量(不包括包装)。
5. 制作一张各种材料的供应商的一览表。不包括小部件。(可使用附录二)
6. 每种材料的总量在以下表格(表1)里注明，以确认相应的必须满足的要求。
7. 制作一张生产流程图，其中包括各供应商和玩具中包含的不同部件的生产商。(可使用附录二)

表1 玩具包含的各种材料及其含量和相关要求的一览表

材料	占重量的百分比	要求	玩具中的含量	是否相关
塑料	多于1%	K2, K3-K5, K7-K9		是 <input type="checkbox"/> 否 <input type="checkbox"/>
橡胶	多于1%	K2, K5-K9		是 <input type="checkbox"/> 否 <input type="checkbox"/>
PVC	多于1%	K2, K4, K5, K7-K9		是 <input type="checkbox"/> 否 <input type="checkbox"/>
回收塑料	多于1%	K2, K3-K5, K7-K9		是 <input type="checkbox"/> 否 <input type="checkbox"/>
纺织品总体要求	多于1%	K10-K19		是 <input type="checkbox"/> 否 <input type="checkbox"/>
皮革	多于1%	K28		是 <input type="checkbox"/> 否 <input type="checkbox"/>
腈纶, 特殊要求	多于1%	K20		是 <input type="checkbox"/> 否 <input type="checkbox"/>
涤纶, 特殊要求	多于1%	K21		是 <input type="checkbox"/> 否 <input type="checkbox"/>
氨纶, 特殊要求	多于1%	K22		是 <input type="checkbox"/> 否 <input type="checkbox"/>
棉, 特殊要求	多于50%	K23-K24		是 <input type="checkbox"/> 否 <input type="checkbox"/>
羊毛, 特殊要求	多于50%	K25-K26		是 <input type="checkbox"/> 否 <input type="checkbox"/>
色彩耐久度	纺织品多于50%	K27		是 <input type="checkbox"/> 否 <input type="checkbox"/>
填充材料	多于1%	K29-K33		是 <input type="checkbox"/> 否 <input type="checkbox"/>
全木	多于1% 多于10%	K34 K35-K36		是 <input type="checkbox"/> 否 <input type="checkbox"/>
木质复合材料	多于10%	K37-K44		是 <input type="checkbox"/> 否 <input type="checkbox"/>
表面处理	多于1%	K45-K48		是 <input type="checkbox"/> 否 <input type="checkbox"/>
纸板和纸	多于10%	K49		是 <input type="checkbox"/> 否 <input type="checkbox"/>
印刷品		K50		是 <input type="checkbox"/> 否 <input type="checkbox"/>
金属, 镀膜	小部件例外	K51		是 <input type="checkbox"/> 否 <input type="checkbox"/>
金属, 表面处理	所有金属部件	K52-K54		是 <input type="checkbox"/> 否 <input type="checkbox"/>
电动玩具, 特殊要求		K55-K61		是 <input type="checkbox"/> 否 <input type="checkbox"/>
胶黏剂		K62-K65		是 <input type="checkbox"/> 否 <input type="checkbox"/>
香料		K66		是 <input type="checkbox"/> 否 <input type="checkbox"/>
安全性		K67		是 <input type="checkbox"/> 否 <input type="checkbox"/>
包装		K68-K69		是 <input type="checkbox"/> 否 <input type="checkbox"/>

就玩具中各种材料的含量确认是否相关, 并在相应方框里打钩。

2 卫生与环境方面的要求

对塑料和橡胶的要求

K1-K9涵盖占玩具重量计1%以上的塑料/塑料部件和橡胶

K2 材料说明

玩具所包含的塑料/塑料部件和橡胶以聚合物和填充物百分比的形式出现。

根据附录四表1的A节的要求加以说明。

K3 回收塑料

用回收塑料生产的塑料/塑料部件不可用于玩具。满足K5、K7-K9要求的纯净部分的回收塑料例外。

根据附录四表1的A节的要求出具证明。

K4 PVC

PVC不可在有天鹅标签的玩具中使用。

由于安全原因(例如作为电线的组成部分), 必须使用PVC的情况例外。例外情况下使用的PVC应当满足K5(除了对邻苯二甲酸盐的要求) 以及K7-K9的要求。

根据附录四表1的A节的要求出具证明。

K5 塑料和橡胶中的添加物质

不可在塑料/塑料部件和橡胶里添加下列物质:

- 根据任何一个北欧国家现行条例或者欧盟的分类系统(67/548/EEC号指令的第18个版本)被列为R40、R45、R46、R49、R60、R61、R62、R63和/或R68的物质。
- 含有铅、镉、汞及其化合物和有机锡化合物的物质*。
- 邻苯二甲酸盐(或酯)
- 卤化有机化合物

根据附录四表1的B节的要求出具证明。

K6 橡胶中的亚硝胺

亚硝胺的含量不可超过0.01mg/kg橡胶。

能够形成亚硝胺的物质的含量不可超过0.1mg/kg橡胶。

根据附录四表1的B节的要求出具证明。

K7

色彩

用于塑料/塑料部件和橡胶的染色和/或者表面处理的色彩不可包含:

- 含有铅、镉、汞及其化合物的物质
- 有机锡化合物
- 邻苯二甲酸盐(或酯)
- 卤化有机化合物
- 按重量计超过1%的芳香族溶剂。

有机锡化合物的定义是：锡直接与碳原子相结合的化合物。



根据附录四表1的C节的要求出具证明。

K8

颜料

用于塑料/塑料部件和橡胶染色或表面处理的颜料应当是欧盟有关接触食品的材料材料的准则((EC) 1935/2004号条例)、FDA(食品与药物管理局)的有关准则或者BfR(德国联邦政府风险评估单位)的有关准则所认可的。



根据附录四表1的C节的要求出具证明。

K9

香料

香料不可在适宜于0-3岁儿童的玩具中所包含的塑料/塑料部件和/或橡胶中使用。

其余的玩具中所包含的塑料/塑料部件和/或橡胶中的香料应当满足以下的要求:

- 不可添加被列入欧盟化妆品和非食物产品科学委员会SCCNEP的有特别强烈的潜在致敏性的香料名单的香料。
- 不可添加根据任何一个北欧国家现行条例或者根据欧盟的分类系统(67/548/EEC号指令的第18个版本)被列为R42和/或R43的物质的香料。
- 不可添加二甲苯麝香、酮麝香、葵子麝香、T麝香、伞花麝香和多环麝香化合物。



根据附录四表1的D节的要求出具证明。

对纺织品，皮革的要求

K10-K22涵盖占玩具重量1%以上的纺织品

K10 有环境标签的纺织品

有关纺织品是否有环境标签？

有关纺织品是否有欧盟的花型标签？

如此纺织品有天鹅标签或者欧盟的花型标签，则申请者毋需就K12至K27出具证明。

纺织品的名称、生产商、生产地点以及纺织品的许可证号或者标准合同号。

K11 香料

香料不可在适宜于0-3岁儿童的玩具中所包含的纺织品中使用。其余的玩具中所包含的纺织品中的香料应当满足以下要求：

- 不可添加被列入欧盟化妆品和非食物产品科学委员会SCCNEP的有特别强烈的潜在致敏性的香料名单的香料。
- 不可添加根据任何一个北欧国家现行条例或者根据欧盟的分类系统(67/548/EEC号指令的第18个版本) 被列为R42和/或R43的的香料。
- 不可添加二甲苯麝香、 酮麝香、 葵子麝香、 T 麝香、 伞花麝香和多环麝香化合物。

根据附录四表2的C节的要求出具证明。

K12 生产纺织品(包括染色和印花)所用的化学助剂

不可使用烷基酚聚氧乙烯醚(APEO)、直链烷基苯磺酸盐(LAS)、二硬脂基二甲基氯化铵(DHTDMAC)、二硬脂酰基二甲基氯化铵(DSDMAC)、双(氢化牛油烷基)二甲基氯化铵(DTDMAC)、乙二胺四乙酸酯(EDTA)和二乙烯三胺五乙酸(DTPA)。在任何配制品或生产过程中也都不可包含以上物质。

根据附录四表2的B节的要求出具证明。

K13 纺织品的染色，杂质

所用染料中(离子性)杂质的含量不应超过以下限值：

银	100ppm	砷	50ppm
钡	100ppm	镉	20ppm
钴	500ppm	铬	100ppm
铜	250ppm	铁	2500ppm
汞	4ppm	锰	1000ppm
镍	200ppm	铅	100ppm
硒	20ppm	铋	50ppm
锡	250ppm	锌	1500ppm

作为染料分子一部分的金属(如金属络合染料和某些反应性染料等)在评估时不必考虑上述限制，因为上述指标仅指染料中的杂质。

根据附录四表2的B节的要求出具证明。

K14 金属络合染料

不可使用含有铜、铬或镍的金属络合染料。

根据附录四表2的B节的要求出具证明。

K15 偶氮染料

不得使用会分解出芳香胺的偶氮染料。

根据附录四表2的B节的要求出具证明。

K16 致癌、致突变或对生殖系统有毒害的染料

不可使用下列染料：

- C. I. 碱性红9、C. I. 分散蓝1、C. I. 酸性红26、C. I. 碱性紫14、C. I. 分散橙11、C. I. 直接黑38、C. I. 直接蓝6、C. I. 直接红28、C. I. 分散黄3
- 含有0.1%(以重量计)以上的根据任何一个北欧国家现行条例或者欧盟的分类系统(67/548/EEC号指令的第18个版本)的规定，已经或者可能会被定义为应用时具有下列风险(或风险组合)的染料或染料配制品：R40、R45、R46、R49、R60、R61、R62、R63和/或R68。

根据附录四表2的B节的要求出具证明。

K17

印花

所用的印花色浆可最多含有5%(以重量计) 的有机溶剂。

有机溶剂的定义是：在一个大气压下或在293.12 K和超过0.01 kPa 的蒸汽压下，沸点低于250℃的有机化合物。

颜料中(离子性的)杂质的含量不得超过下列限值：

- 砷 50ppm
- 钡 100ppm
- 镉 50ppm
- 铬 100ppm
- 汞 25ppm
- 铅 100ppm
- 硒 100ppm
- 锑 250ppm
- 锌 1000ppm

不允许采用塑溶胶印花。



根据附录四表2的B节的要求出具证明。

K18

甲醛

最终织物上的游离甲醛含量不得超过30ppm.



根据附录四表2的A节的要求出具证明。

K19

纺织品的后处理

纺织品后处理不得使用卤化有机化合物。

在提交申请书之际，在施加敷料(例如阻燃剂)所用的配制品或者加工过程中，如含有0.1%(以重量计)以上的根据任何一个北欧国家现行条例或者欧盟的分类系统(67/548/EEC号指令的第18个版本)的规定，已经或者可能会被定义为应用时具有下列风险(或风险组合)的物质，则不可使用：R40、R45、R46、R49、R60、R61、R62、R63、R68、R50、R52和/或R53。



根据附录四表2的A节的要求出具证明。

K20

腈纶

原料纤维中所包含的丙烯腈残留量不可超过1.5g丙烯腈/kg纤维产品。



根据附录四表2的A节的要求出具证明。

K21

涤纶

涤纶中所包含的锑应当少于或等于260ppm。



根据附录四表2的A节的要求出具证明。

K22

氨纶

生产氨纶时不得使用有机锡化合物。

有机锡化合物的定义是：锡直接与碳原子相结合的化合物。

☒

根据附录四表2的A节的要求出具证明。

K23-K27涵盖占玩具重量50%以上的纺织品(棉与羊毛的总量)

K23

天然纤维(棉, 亚麻, 大麻纤维, 椰皮等韧皮纤维), 保鲜剂或抗微生物制剂

棉和其它天然纤维素种子纤维(以下简称为棉)中, 附录四的表2中列出的保鲜剂或抗微生物制剂中的任何一种的含量都不得超过0.05ppm(在分析方法的精确度允许的情况下)。

☒

根据附录四表2的A节的要求出具证明。

K24

天然纤维, TOC(总有机碳)和COD(化学需氧量)的排放

在脱麻(机械法脱麻除外)时, 经厂内/厂外的污水处理场处理后或者采取内部限制排放的措施之后的污水的有机物浓度TOC/COD的排放量, 相对于未经处理的污水, 应降低至少75%。

☒

根据附录四表2的A节的要求出具证明。

K25

羊毛纤维, 保鲜剂或抗微生物制剂

保鲜剂或抗微生物制剂中, 附录四表2中列出的物质的含量不得超过以下限值:

- A组各种物质总量不得超过0.5ppm
- B组各种物质总量不得超过2ppm
- C组各种物质总量不得超过0.5ppm
- D组各种物质总量不得超过2ppm

☒

根据附录四表2的A节的要求出具证明。

K26

羊毛纤维, COD(化学需氧量)的排放

原毛去脂向下水道排放污水时, COD排放量不得超过60g/kg含脂原毛。

污水中COD的排放量应当至少降低75%(年平均值)

☒

根据附录四中表2的A节的要求出具证明。

K27是对纺织品色彩耐久度的要求

K27

色彩耐久度

耐湿摩色牢度至少应为2-3级。

耐干摩色牢度至少应为4级。

- 耐光色牢度至少应为5级。
- 根据附录四中表2的A节的要求出具证明。

K28涵盖占玩具重量1%以上的皮革

K28 皮革

- 有关皮革是否有天鹅标签？
如否，则应满足“用天鹅标签标示纺织品和皮革”的评估标准文件的第3个版本的要求。
- 皮革的名称、生产商、生产地点和许可证号
- 根据“用天鹅标签标示纺织品和皮革”的评估标准文件的第3个或者更新版本的要求而出具的证明。

对填充材料的要求

K29-K33涵盖占玩具重量1%以上的填充材料。

K29 游离甲醛

- 填充材料里游离甲醛的含量不得超过30ppm。
- 根据附录四中表3的A节的要求出具证明。

K30 起泡剂

- 氯氟烃 (CFC)、含氢氯氟烃 (HCFC)、氢氟烃 (HFC) 和/或二氯甲烷不得作为起泡剂或者起泡助剂使用。
- 根据附录四中表3的A节的要求出具证明。

K31 香料

- 适宜于0-3岁儿童的玩具的填充材料中不可使用香料。
其它玩具的填充材料必须满足下列对香料的要求：
- 不可添加被列入欧盟化妆品和非食物产品科学委员会 SCCNEP的有特别强烈的潜在致敏性的香料名单的香料。
 - 不可添加根据任何一个北欧国家现行条例或者根据欧盟的分类系统(67/548/EEC号指令的第18个版本) 被列为 R42和/或R43的香料。
 - 不可添加二甲苯麝香、 酮麝香、 葵子麝香、 T 麝香、 伞花麝香和多环麝香化合物。
- 根据附录四中表3的C节的要求出具证明。

K32

染料

染料只能在填充材料生产过程中有必要以染色手段来区分不同质量的填料产品时使用。所用的染料都应满足K13-K16对染色的要求。

☒

根据附录四中表3的B节的要求出具证明。

K33

涤纶

涤纶纤维中锑的含量应低于或者等于260ppm。

☒

根据附录四中表3的A节的要求出具证明。

对全木和木质复合材料的要求

2.1.1全木

实木、层积材、胶合木板和其它天然材料如柳、竹等都被定义为全木。

K34涵盖占玩具重量计1%以上的全木

K34

可溯源性

许可证持有者应对所有木材(占玩具重量1%以下的小部件除外)都能追根溯源。许可证持有者应确保原材料不来源于具有高度生物和社会保护价值的森林环境。如果发现使用的木材来源于具有高度生物和社会保护价值的森林环境，环境标示机构可以撤回许可证。

☒

根据附录四中表4的A节的要求出具证明。

K35-K36涵盖占玩具重量10%以上的全木

K35

木材的浸渍/处理/改性

用于木材浸渍/处理/改性的所有化学物质都应说明。

在提交申请书之际，用于木材浸渍的化学产品，如根据任何一个北欧国家关于危险化学品的分类和标示的条例和/或者欧盟的分类系统1999/45/EG(会有调整和改动)的规定，已经或者可能会被定义为应用时具有下列风险(或风险组合)的物质，则不可使用：

R40、R42、R45、R46、R49、R60-63、R68、R23-R28、R50、R52和/或R53。

有关化学产品中不得添加下列物质：

- 卤化有机化合物
- 邻苯二甲酸盐(或酯)
- 氮杂环丙烷/氮丙啶和多氮丙啶
- 杂酚油

化学助剂，颜料或者添加剂均不得含有砷、铅、硼、锡、镉、铜、六价铬或汞的化合物

木材浸渍所用的化学产品中有机溶剂的含量应 $\leq 5\%$ (以重量计)。
芳香族化合物含量最多可为 5% (以重量计)。

有机溶剂的定义是：在一个大气压下或在293.12 K和超过0.01 kPa 的蒸汽压下，沸点低于250℃的有机化合物。

如果有溶剂聚合在木材里，则在聚合度至少为95%的情况下允许使用这种溶剂。

根据附录四中表4的B节的要求出具证明。

K36 认证的木材

申请天鹅标签的玩具中的所有木材，以重量计应有40%来自得到认证的林场。认证应由中立的认证机构根据符合表4中列出的标准和认证系统之要求的有关林业标准来进行。

申请者有天鹅标签的玩具生产每年使用的木材中认证木材的百分比的一览表。

对确保木材可溯源性采用哪个系统所作的说明和由认证机构签字和认可的认证书的副本(根据附录四中表4的A节的规定)。

2.1.2 木质复合材料

刨花板、木丝板、MDF板(中密度纤维板)、HPL板(高耐磨防火高压层板)和胶合板被定义为木质复合材料。

K37-K44涵盖占玩具重量10%以上的板材

K37 有环境标签的建筑板材

有关板材是否有天鹅标签？

如有，则不用细查本章中的其它要求。

板材以及生产商名称和板材的许可证号。

K38 可溯源性

许可证持有者应对所有木材(占玩具重量1%以下的小部件除外)都能追根溯源。许可证持有者应确保原材料不来源于具有高度生物和社会保护价值的森林环境。如果发现使用的木材来源于具有高度生物和社会保护价值的森林环境，环境标示机构可以撤回许可证。

根据附录四中表5的A节的要求出具证明。

K39

甲醛

含有甲醛添加剂的板材应当满足以下两项要求中的一项：

- 1) 游离甲醛的含量不应超过以下限值(根据甲醛标准含量EN-120, 穿孔法的有效版本):
 - 个别值: $\leq 8\text{mg}$ 甲醛/100g干料
 - 半年平均置: $\leq 6.5\text{mg}$ 甲醛/100g干料

这些要求适用于湿度 $H=6.5\%$ 的木材板。

- 2) 就胶合板而言, 如不使用以上标准, 则需满足芬兰的分类系统“建筑材料的释放分类”中的有关要求。

释放: $\leq 0.125\text{mg}$ 甲醛/ m^2h 。

☒

根据附录四中表5的B节的要求出具证明。

K40

板材中的认证木材

以年度为基准, 应满足以下第一、或者第二、或第三项要求:

1. 申请天鹅标签的玩具所含的所有板材中至少30%(以重量计)应来自得到认证的林场。认证应由中立的认证机构根据符合表(五)中列出的标准以及认证系统之要求的有关林业标准来进行。
2. 至少50%的木屑/锯末和/或锯木厂的废料和/或未经处理的解体材和/或回收纤维。
3. 1) 和2) 的组合。如果玩具中所用木材包含少于50%的木屑/锯末和/或锯木厂的废料和/或未经处理的解体材和/或回收纤维, 则来自得到认证的林场的木材的百分比可用以下公式计算:

对玩具含认证木材百分比的要求: $-0.6X + 30$

$X =$ 木屑/锯末和/或锯木厂的废料和/或未经处理的解体材和/或回收纤维所占的百分比

☒

有天鹅标签标示的玩具的生产每年使用的木材中认证木材的百分比一览表。

☒

对确保木材可溯源性采用哪个系统所作的说明, 以及由认证机构签字和认可的认证书的副本(根据附录四中表5的A节的规定)。

☒

根据附录四中表5的A节的要求出具证明。

生产木质复合板材所用的化学品

K41 化学产品的分类

在提交申请书之际，玩具包含的板材中所添加的化学产品，如根据任何一个北欧国家关于危险化学品的分类和标示的条例和/或者欧盟的分类系统1999/45/EG(会有调整和改动)的规定，已经或者可能会被定义为应用时具有下列风险(或风险组合)的物质，则不可使用：R40、R42、R45、R46、R49、R60-63和/或R23-R28。



根据附录四中表5的C节的要求出具证明。

K42 游离甲醛

游离甲醛的含量最多可以达到0.3%(以重量计)，层合板和胶合木板所用胶黏剂中最多可包含0.5%(以重量计)的游离甲醛。



根据附录四中表5的C节的要求出具证明。

K43 被列为R50、R52、R53的化学物质

板材中添加的根据任何一个北欧国家的现行条例或者根据欧盟分类系统(67/548/EEC号指令的第18个版本)被列为R50、R52、R53的物质(或者这些物质的组合)，其总含量应 < 0.5g/kg板材。

这些要求是针对于被加入板材时具有其化学组成的化学产品。



根据附录四中表5的C节的要求出具证明。

K44 生产木质复合板所用化学产品中的添加剂

不得在所用化学产品中添加下列物质：

- 卤化有机黏合剂
- 卤化有机阻燃剂
- 多氯联苯
- 烷基酚
- 邻苯二甲酸盐(或酯)
- 氮杂环丙烷/氮丙啶或多氮丙啶
- 含有铅、锡、镉、六价铬或汞及其化合物的颜料和添加剂。

有关化学产品中烷基酚聚氧乙烯醚或其它烷基酚衍生物的含量不得超过0.6%(以重量计)。

烷基酚衍生物定义为降解时分离出烷基酚的物质。

所用化学产品中不得含有超过1%(以重量计)的芳香族溶剂。



根据附录四中表5的C节的要求出具证明。

2.1.3 全木和木质复合材料的表面处理

K45-K48涵盖在玩具重量中占1%以上的全木和木质复合材料的表面处理中所使用的化学产品。

K45 用于表面处理的化学产品

在提交申请书之际，用于全木和木质复合材料表面处理的化学产品，如根据任何一个北欧国家的对危险化学品的分类和标示的条例和/或欧盟的分类系统1999/45/EG(会有调整和改动)的规定，已经或者可能会被定义为应用时具有下列风险(或风险组合)的物质，则不应使用：R40、R42、R45、R49、R46、R60-R63和/或R23-R28。

☒ 根据附录四中表6的要求出具证明。

K46 甲醛的释放

用于表面处理的产品所分离出的甲醛的释放量应少于0.1ppm。

☒ 根据附录四中表6的要求出具证明。

K47 用于表面处理的产品中所包含的化学物质

所用化学产品中不可添加以下物质：

- 卤化有机黏合剂
- 卤化有机阻燃剂
- 多氯联苯
- 烷基酚，邻苯二甲酸盐(或酯)
- 氮杂环丙烷/氮丙啶或多氮丙啶
- 含有铅、锡、镉、六价铬或汞及其化合物的颜料和添加剂。

芳香族溶剂的含量应少于或者等于5%(以重量计)。

如不使用以上标准，也可出具证明玩具中所含TVOC(总挥发性有机化合物)少于1200 $\mu\text{g}/\text{m}^3$ 空气的检验结果。

☒ 根据附录四中表6的要求出具证明。

K48 被列为危害环境的产品

不可使用根据任何一个北欧国家的对危险化学品的分类和标示的条例和/或欧盟的分类系统1999/45/EG(会有调整和改动)的规定被列为危害环境的、R50、R50/R53、R51/53、R52、R52/53或R53的物质的表面处理产品。

☒ 根据附录四中表6的要求出具证明。

对纸板和纸的要求

K49涵盖占玩具重量10%以上的纸板和纸

K49 有环境标签的纸板和纸

玩具中所包含的纸板/纸是否有天鹅标示签或欧盟花型标签？

如否，则应出具纸板/纸满足对纸板和纸的有关现行要求的证明。

- 如果纸板/纸有天鹅标签或欧盟花型标签：生产商和产品名称以及许可证号。
- 如果纸板/纸没有天鹅标签或者欧盟花型标签，请看天鹅标签和花型标签的有关要求。

对印刷品的要求

K50涉及玩具中的印刷品。

K50 有环境标签的/认可的印刷品

所用印刷品是否有天鹅标签？

如否，则应能够证明相关的印刷厂满足对印刷厂的有关要求。

- 如果印刷厂有天鹅标签：印刷厂的名称以及许可证号。
- 如果印刷厂没有鹅标签：请看天鹅标签有关要求。对认可印刷厂所提出的文件证明的要求与对申请环境标示的印刷厂的要求一致。

对金属的要求

2.1.4 玩具中金属部件的镀膜

K51涵盖金属的镀膜。小部件，例如螺丝钉，不受此要求的涵盖。

K51 镀膜

金属去脂时不得使用卤化有机化合物。

不得用镉、铬、镍及其化合物做金属镀膜。

由于巨大的物理磨损或者用于衔接处需要特别严密的部件，有必要用铬或者镍对金属表面进行表面处理的情况例外。

进行表面处理时。镍或铬的最大释放量应为：

- 铬的总量：0.1mg/l
- 六价铬：0.02mg/l
- 镍：0.1mg/l

- 根据附录四中表7的A节的要求出具证明。

2.1.5 玩具中金属部件的表面处理

K52-K54这几项要求涵盖用于金属表面处理的化学产品。小部件，例如螺丝钉，也受这些要求的涵盖。

K52 化学产品的分类：

在提交申请书之际，用于金属预处理和表面处理的化学产品(例如涂漆)，如根据任何一个北欧国家的对危险化学品的分类和标示的条例和/或欧盟的分类系统1999/45/EG(会有调整和改动)的规定，已经或者可能会被定义为应用时具有下列风险(或风险组合)的物质，则不可使用：R40、R42、R45、R46、R49、R60-R63和/或R23-R28。

☒ 根据附录四中表7的B节的要求出具证明。

K53 化学产品中的添加剂

用于预处理或表面处理的产品中不得添加以下物质：

- 卤化有机化合物
- 邻苯二甲酸盐(或酯)
- 氮杂环丙烷/氮丙啶和多氮丙啶
- 含有铅、锡、镉、六价铬或汞及其化合物的颜料和添加剂。

☒ 根据附录四中表7的B节的要求出具证明。

K54 有机溶剂

有机溶剂的含量不得超过5%(以重量计)，其中芳香族溶剂的含量应小于或等于1%(以重量计)。

☒ 根据附录四中表7的B节的要求出具证明。

对电动玩具的要求

K55-K61涉及对电动玩具的特殊要求。玩具中包含的各种材料，受第2章中列出的其它材料要求的涵盖。

K55 重金属

根据欧盟2002/95/EG号指令(RoHS，限制使用某些有害物质)的规定，在材料(塑料和金属)包括助熔剂当中，均不得添加铅、汞、镉和六价铬。

☒ 根据附录四中表8的A节的要求出具证明。

K56 电路板、微处理器和机器的生产

含有受《蒙特利尔议定书》限制的物质的化学品，不得在机器的终端生产或电路板的生产中使用：氯氟烃(CFC)、含氢氯氟烃(HCFC)、1, 1, 1-三氯乙烷或四氯化碳。

☒ 根据附录四中表8的B节的要求出具证明。

K57 电路板、微处理器和机器的内含物质
电路板、微处理器和/或机器中不得添加卤化阻燃剂。
 根据附录四中表8的B节的要求出具证明。

K58 电路板、微处理器和机器的表面处理
用于表面处理的涂漆不得含有卤化阻燃剂。
 根据附录四中表8的B节的要求出具证明。

K59 光源
用于发光二极管的化学产品，不得是根据任何一个北欧国家的对危险化学品的分类和标示的条例和/或欧盟的分类系统1999/45/EG (会有调整和改动)的规定被列为R23-R28、R40、R45、R46、R49、R60、R61、R62、和R63的物质。
 根据附录四中表8的C节的要求出具证明。

K60 按钮/翘板开关
按钮/翘板开关不可含有汞。
 根据附录四中表8的D节的要求出具证明。

K61 电池
玩具附带的电池应当是有天鹅标签的电池，或者满足电池评估标准文件的要求的电池。一次性电池应当便于替换。
 申请者或电池生产商出具的已经满足有关要求的声明。根据附录四中表8的A节的要求出具证明。

对胶黏剂的要求：
K62-K65涵盖玩具中含有的胶黏剂。

K62 胶黏剂的分类
玩具中所含有的胶黏剂不应是根据任何一个北欧国家的对危险化学品的分类和标示的条例和/或欧盟的分类系统1999/45/EG (会有调整和改动)的规定被列为R10、R11、R12、R23、R24、R25、R26、R27、R28、R40、R42、R43、R45、R49、R50、R52、R53的物质(或者这些物质的组合)。
 根据附录四中表9的要求出具证明。

K63

胶黏剂中危害环境的物质

根据任何一个北欧国家的现行条例或者根据欧盟的分类系统(67/548/EEC号指令的第18个版本)的规定可以被列为R50、R52、R53的物质(或者这些物质的组合),在胶黏剂中以重量计每种不得超过1.0%,而且总量最多可为2.0%。

☒

根据附录四中表9的要求出具证明。

K64

胶黏剂中危害健康的物质

根据任何一个北欧国家的现行条例或者根据欧盟的分类系统(67/548/EEC号指令的第18个版本)的规定可以被列为R40、R42、R43、R45、R46、R49、R60、R61、R62、R63、R68的物质,在胶黏剂中的含量以重量计最多可为0.1%。

☒

根据附录四中表9的要求出具证明。

K65

严禁的物质

胶黏剂中不得含有或添加含有下列物质的产品:

- 烷基酚聚氧乙烯醚和其它烷基酚衍生物(降解时释放出烷基酚的物质)
- 卤化溶剂
- 乙二醇醚(CAS nr: 109-86-4, 110-49-6, 110-80-5, 111-15-9, 111-77-3和111-90-0)
- 卤化阻燃剂

☒

根据附录四中表9的要求出具证明。

对终端产品中香料的要求

K66

香料

对玩具所包含的各种材料中的香料的要求已在各相关章节中作了陈述。以下要求适用于终端产品:

在适宜于0-3岁儿童的玩具中不可使用香料。

其它玩具中的香料的应当满足以下要求:

- 不可添加被列入欧盟化妆品和非食物产品科学委员会SCCNEP的有特别强烈的潜在致敏性的香料名单的香料。
- 不可添加根据任何一个北欧国家现行条例或者根据欧盟的分类系统(67/548/EEC指令的第18个版本)被列为R42和/或R43的物质的香料。
- 不可添加二甲苯麝香、酮麝香、葵子麝香、T麝香、伞花麝香和多环麝香化合物。

☒

根据附录四中表10的要求出具证明。

3 安全性

K67 对安全性的要求

玩具应当满足CE-标示的要求，并符合欧洲玩具安全标准EN71的第1至第11节的所有相应要求。

- 由官方认可的实验室出具的、证明玩具已通过了根据EN71中相应规则所做的检验的检验报告。

4 包装和信息

K68 塑料包装

不应使用含有PVC的包装(包括标签)。

- 根据附录四中表11的要求出具证明。

K69 向顾客提供的信息

电动玩具的使用信息必须包含以下内容：

- 指导怎样处理用完的电池
- 推荐使用有天鹅标签的电池
- 保质期
- 电动玩具的回收系统

- 使用信息的例子。

5 质量和法规的要求

为了保证满足天鹅标签的要求，应当实施以下例行程序。

如果生产商有一个得到ISO 14 001或者欧洲生态管理和审核方案(EMAS)认证的环境管理体系，则由一位官方认可的审计师出具有关规范标准确实执行的证明即可。

K70 工作条件

许可证持有者应当确保在玩具(终端产品)的生产中遵守以国际劳工组织(ILO)关于童工、强制性劳动、健康与安全、结社自由和集体谈判的权力、歧视、纪律、工作时间和工资的公约为基础而制定的标准或法规。

- 对有关法规的说明和确实遵守有关法规的声明。

或

SA8000认证(有效认证书)

或

根据国际玩具工业理事会(ICTI)的商业运作规范得到守则认证的认证书(有效的“守则认证书” 公布在ICTI的主页上。)

如果生产商正在申请接受SA8000认证或“守则认证书”，则在满足一定前提条件的某些情况下可以授予许可证。申请者要提交认证机构的最新报告，包括含有一定时限的行动方案，以供审核。

- ☒ 如果许可证持有者不再满足SA8000、“守则认证书”的要求，或者不遵守行动方案里定出的时限的话，许可证可以被撤回。

K71 法律和规章制度

许可证持有者应确保在所有有天鹅标签的玩具的生产地点都遵守有关环境立法和特定的生产许可/营业执照的规定。

- ☒ 许可证持有者应证明这项要求得到了满足，并注明相应的国家监控机构。

K72 天鹅标签负责人

企业里应当有一名专人负责监督天鹅标签要求的执行情况，并且有一名针对北欧环境标示机构的联系人。

- ☒ 显示以上事务负责人的企业组织结构图

K73 满足天鹅标签要求的证明文件

许可证持有者应当能够出示申请书的副本以及提交申请书时附加证明文件中的事实与计算之基础材料(包括检验报告、供应商提供的文件等)。

- ☺ 现场审验

K74 玩具的质量

许可证持有者应保证，在许可证有效期内，有天鹅标签的玩具的生产质量不会下降。

- ☒ 汇总并且(在需要时)描述顾客对天鹅标签玩具在质量方面的意见的例行程序。

K75 有计划的变动

采取有计划的变动时，如变动会影响执行天鹅标签的要求，应书面通知北欧环境标示机构。

- ☒ 显示怎样处理有计划的变动的例行程序。

K76 未预见的偏差

出现未预见的偏差时，如偏差会影响执行天鹅标签的要求，应书面通知北欧环境标示机构并予以记录存档。

- ☒ 显示怎样处理未预见的偏差的例行程序。

K77 可溯源性

许可证持有者应对使用天鹅标签的玩具的生产能够追根溯源。

☒ 描述/怎样满足这项要求的例行程序。

K78 回收系统

应在有天鹅标签的玩具销售所在的北欧国家，遵守有关国家的涉及产品和包装回收系统的相关法律法规和/或行业协议。

☒ 申请者关于本企业与哪种回收系统有回收/处理协议的声明。

K79 市场营销

有天鹅标签的玩具的营销应当根据“北欧环境标示规则”进行。

☒ 填写完毕的附录三

6 术语的解释和定义

BfR 德国联邦风险评估局，BfR(前身为BgVV) 致力于对食品的健康风险的专题性评估工作。

FDA 食品和药物管理局。FDA是负责保障食品安全的联邦机构。

HPL板 高耐磨防火高压层板。在至少6900 kPa (1000 psi) 的压力下压制和加工成形的层压板。更常用的气压范围在 8.3×10^3 – 13.8×10^3 kPa(1200–2000 psi)

MDF板 中密度纤维板或MDF板，是类似于刨花板的合成木材产品，由木材碎料纤维与胶黏剂和树脂一起热压而成。

根据欧盟分类系统1999/45/EG和欧盟分类系统67/548/EEC对各类风险因素的分组定义：

- R10 有易燃性
- R11 有强烈的易燃性
- R12 有极其强烈的易燃性
- R23 如吸入有毒
- R24 如接触皮肤有毒
- R25 如吞入有毒
- R26 如吸入有剧毒
- R27 如接触皮肤有剧毒
- R28 如吞入有剧毒
- R40 可能具有致癌性
- R42 可能由吸入致敏

R43 可能由接触皮肤致敏

- R45 可能致癌
- R46 可能引起遗传基因损害
- R49 可能由吸入致癌
- R60 可能降低生育能力
- R61 可能损害胎儿健康
- R62 可能具有降低生育能力的风险
- R63 可能具有损害胎儿健康的风险
- R68 可能具有对健康造成永久性伤害的风险

- R50 对水生有机体有剧毒
- R52 对水生有机体有害
- R53 对水环境可能产生长期的不利影响

风险组合：

R50/53对水生有机体剧毒：对水环境可能产生长期的不利影响

R51/52对水生有机体有毒：对水环境可能产生长期的不利影响

R52/53对水生有机体有害：对水环境可能产生长期的不利影响

市场营销

环境标签“天鹅”是北欧众所周知和享有盛誉的标签。只要许可证有效，得到天鹅标示的产品/服务就可以在营销中使用天鹅标签。

标签所处的位置应当让人对其含义一目了然，并显示出有关玩具是得到环境标示的。

关于营销的更多资讯，请看“北欧环境标示规则”2001年12月12日的或者更新的版本。

天鹅标签的造型：

天鹅标签造型如下：



每张许可证都有各自的许可证号码，与标签一起使用。
关于标签造型的更多资讯，请看“北欧环境标示规则”2001年12月12日的或者更新的版本。

监控查验

授予许可证后，环境标示机构可以对玩具是否满足天鹅要求进行监控。采用的形式可以是上门进行现场查验或者抽样检查。

抽样检查也可以在商店里进行，样本送往一家中立实验室进行检验分析。如分析结果没有达到要求，北欧环境标示局可以责令许可证持有者支付检验分析所产生的费用。

许可证的有效期？

北欧环境标示机构于__年__月__日制定玩具评估的标准，这些标准的有效期到__年__月__日为止。

只要满足评估标准，只要评估标准有效，则环境标签的使用许可证就一直有效。评估标准的有效期可能会延长，评估标准也可能会做调整。在这类情况下，则许可证的有效期自动延长，许可证持有者会接到有关机构的通知。

最迟在原许可证过期的一年前，许可证持有者会得知有效期过后的标准是什么，并被告知可以申请续签许可证。

评估标准的扩充

对评估标准进行重审修改时，可能会将手工材料包容进用天鹅标示的玩具的范畴。会考虑对原材料生产提出进一步的卫生与环境要求。
会考虑对包装材料的份量提出进一步的要求。

附录一

以下产品不可用天鹅标示，因此也不属于玩具评估标准的范畴。

(与欧盟第88/378/EEG号指令的附录一相一致)

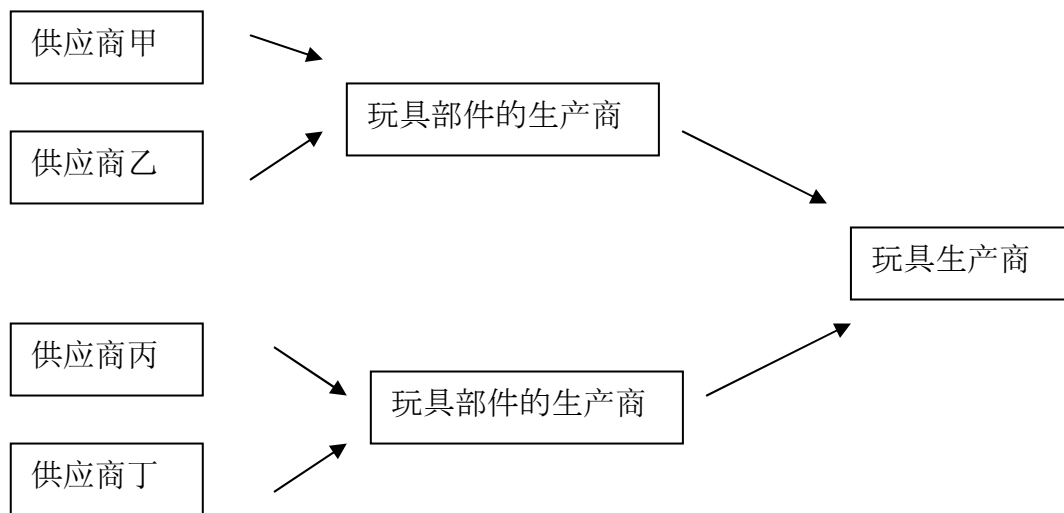
- 圣诞装饰品
- 按比例复制的逼真模型
- 游戏场所公用的游戏器材
- 运动器材
- 用于深水潜水的器材
- 身着民族服装的娃娃、用于展览的娃娃和其它类似的提供给成年收集者的产品
- 安装在购物中心、火车站等处的“商业性”游戏器材
- 含有多于500片的、或者没有图案的供专家使用的拼图
- 气步枪和气手枪
- 烟花，包括爆竹
 - 专用于玩具中的爆竹受本条例涵盖。*
- 缠绕和投掷器械
- 带尖锐金属头的投掷飞镖
- 电炉、熨斗和其它电压高于24伏的用具
- 含有一个加热原件的、规定在有成人看护情况下用于教学的产品
- 机动车
- 蒸汽机
- 用于运动或在公共交通中使用的自行车
- 可与电视屏幕相接的、操作时额定电压不超过24伏的视屏游戏
- 假奶嘴
- 按实际尺寸仿制的玩具枪支
- 玩具首饰品
- 晶体生长套具

附录二
材料和生产情况表(K1)

生产商:	联系人:
产品:	总重量, 以千克计:

供应商	玩具部件	材料	重量, 以克计	百分比, 以重量计
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				

流程图例:



附录三 有天鹅标签的玩具的市场营销

我们在此声明，我们了解根据“北欧环境标示规则”所制定的关于北欧环境标签“天鹅”的使用规则。我们保证，得到天鹅标签的玩具将遵照这些规则来进行营销。

我们还在此声明，我们了解对用天鹅标示玩具的评估标准的具体内容。

我们保证将用天鹅标示玩具的评估标准以及“北欧环境标示的规则”告知本企业中负责营销有天鹅标签的玩具的工作人员。

地点/日期

企业

联系人

电话

营销负责人

电话

人员如有变动，应向环境标示机构提交新的声明书。

附录四

各种材料的评估表。这些表格只有英文版本的。

- 表1 : 塑料和橡胶
- 表2 : 纺织品
- 表3 : 填充材料
- 表4 : 全木
- 表5 : 木质复合板材
- 表6 : 全木和木质复合板材的表面处理
- 表7 : 金属
- 表8 : 电动玩具
- 表9 : 胶黏剂
- 表10 : 香料
- 表11 : 包装

Appendix 4

Forms for various materials

Form 1: Plastic and rubber

Form 2: Textiles

Form 3: Padding materials

Form 4: Wood

Form 5: Wood-based panels

Form 6: The surface treatment of wood and wood-based materials

Form 7: Metals

Form 8: Electric toys

Form 9: Adhesives

Form 10: Fragrances

Form 11: Packaging

Form 1 – Plastic and rubber

Part A: To be completed by manufacturers of plastic/plastic parts or rubber parts

Part B: To be completed by manufacturers of plastic raw materials or crude rubber

Part C: To be completed by manufacturers of colourants

Part D: To be completed by manufacturers of fragrances

Procedure:

The toy manufacturer must send the whole of Form 1 to suppliers of plastic, plastic parts and rubber. The manufacturers of plastic/plastic parts and rubber parts must forward Form 1, Part B to manufacturers of plastic raw material and Form 1, Parts C and D, to the colourant manufacturer and fragrance manufacturer, respectively, if such additives are used.

Form 1 – Part A Manufacturers of plastics/plastic parts or rubber part

1 page

Description of plastic/plastic part or rubber part: _____

Chemical name of the material: _____

Manufacturer: _____

Is the plastic/plastic part produced using recycled plastic? Yes No

If yes, state percentage portion of recycled material: _____

Recycled plastic means plastic from used products or used packaging..

Specification of the origin of the recycled plastic and a duly completed Form 1, parts B, C and D

Is the plastic/plastic part made of polyvinyl chloride (PVC)? Yes No

PVC may be used only in parts where for safety reasons PVC is the best alternative available (e.g. wiring)

If yes,

State why PVC must be used for safety reasons and submit duly completed Form 1, parts B, C and D

Have colourants been added to the plastic material? Yes No

If yes, Form 1 part C must be completed by the manufacturer of the colourant.

Has fragrance been added to the plastic material? Yes No

If yes, Form 1 Part D must be completed by the manufacturer of the fragrance.

Form 1, Part B: To be completed by the manufacturer of the plastic raw material or crude rubber

Signature of manufacturer:

Date	Company name
Contact	Telephone

**Form 1 – Part B Manufacturers of plastic raw material or
1 page crude rubber**

Chemical name of material: _____

Manufacturer: _____

Additives in plastic and rubber:

Have substances classified as R40, R45, R46, R49, R60, R61, R62, R63 and/or R68, as specified in the EU's classification system been actively added to the material? Yes No

Have substances based on lead, cadmium or mercury, or compounds thereof, been actively added to the material? Yes No

Have organotin compounds been actively added to the material? Yes No

Organotin compounds are defined as compounds in which tin is bound directly to the carbon atom.

Have phthalates been actively added to the material? Yes No

Phthalates are permitted in PVC in accordance with EN71.

Have halogenated organic compounds been actively added to the material? Yes No

Overview of additives by name (including CAS number if possible) and manufacturer.

Nitrosamines in rubber:

Does the rubber material contain more than 0.01 mg nitrosamines/kg rubber? Yes No

Does the rubber material contain more than 0.01 mg nitrosamine-forming substances/kg rubber? Yes No

Test report from accredited laboratory including test results as specified in NS-EN 12868 or equivalent methods.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 1 - Part C Manufacturers of colourants

1 page

Product name: _____

Manufacturer: _____

Constituent substances:

Does the colourant contain substances based on lead, cadmium or mercury, or compounds thereof? Yes No

Does the colourant contain organotin compounds? Yes No

Organotin compounds are defined as compounds in which the tin is bound directly to the carbon atom.

Does the colourant contain phthalates? Yes No

Does the colourant contain halogenated organic compounds? Yes No

Does the colourant contain aromatic solvents? Yes No

Aromatic solvents are defined as aromatic organic compounds with a boiling point of less than 250°C or a vapour pressure in excess of 0.01 kPa.

If yes, state quantities: _____

- Product safety datasheet in accordance with EU classification system 1999/45/EC (with adaptations and amendments).
- Formula (100% of ingoing substances must be stated, ranges will be accepted) including CAS-number, if possible.

Pigments (one of the following requirements must be fulfilled):

Are the pigments in the colourant approved in accordance with EU guidelines on materials intended to come into contact with food? Yes No

Are the pigments in the colourant approved in accordance with BfRs (Bundesinstitut für Risikobewertung) guidelines? Yes No

Are the pigments in the colourant approved in accordance with FDA (Food and Drug Administration) guidelines? Yes No

Certificate or equivalent documentation that the requirements have been fulfilled.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 1 – Part D Manufacturers of fragrance
1 page

Name of product: _____

Manufacturer: _____

Does the above product contain substances that the EU scientific committee
SCCNFP have stated has a particular potential to trigger allergies? Yes No

Does the above product contain substances that are classified
as R42 or R43 in accordance with Directive 67/548/EEC? Yes No

Does the above product contain musk xylene (cas no. 81-15-2),
musk ketone (cas no. 81-14-1), musk ambrette (cas no.),
musk tibetine (cas no.) moskene or polycyclical musk compounds? Yes No

Product safety datasheet in accordance with EU classification system 1999/45/EC
(with adaptations and amendments).

Formula (100% of ingoing substances must be stated, ranges will be accepted)
including CAS number, if possible.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 2 – Textiles

Part A: To be completed by manufacturers of textiles

Part B: To be completed by manufacturers of chemicals and colourant manufacturers

Part C: To be completed by fragrance manufacturers

Procedure:

The toy manufacturer must send the whole of Part 2 to suppliers of textiles. The textiles manufacturers must forward Form 2, Part B to the manufacturers of ingoing chemicals (including colourants) and Form 2, Part C to fragrance manufacturers if such additives are used.

Form 2 - Part A Textile manufacturers

4 pages

Name/description of material: _____

Manufacturer: _____

Type of textile:

Acrylic Polyester Elastane Growth fibre: _____ Wool

In the case of mixed products, state the ratio: _____

Acrylic:

Are traces of acrylic nitrile present in untreated fibre
less than 1.5 g acrylic nitrile/kg produced fibre?

Yes No

- Test report from accredited laboratory on the basis of the following or an equivalent test method: Test reports on extraction using boiling water and quantification with capillary gas fluid chromatography

Polyester:

Is the content of antimony in polyester fibre
less than or equal to 260 ppm?

Yes No

- Declaration that no antimony is used in the production of polyester fibre

or

- Test report from an accredited laboratory on the basis of the following or an equivalent test method: Direct determination by means of atomic absorption spectroscopy. The test must be performed on raw fibre before wet treatment.

Elastane:

Are organotin compounds used in the production of elastane? Yes No

Organotin compounds are defined as compounds in which tin is bound directly to the carbon atom.

Growth fibre:

Pesticides:

Do cotton and other natural cellulose seed fibre (referred to in the following text as cotton) contain more than 0.05 ppm (if the accuracy of the method of analysis so permits) of each of the following pesticides: aldrin, captafol, chlorodane, DDT, dieldrin, endrin, heptachlor, hexachlorobenzene, hexachlorocyclohexane (all isomers), 2,4,5-T, chlorodimeform, chlorobenzilate, dinoseb and their salts, monocrotophos, pentachlorophenol, toxaphene, methamidophos, methylparathion, parathion and phosphamidon?

Yes No

- Evidence of organic certification or documentation that the cotton manufacturer has not utilised the substances

The requirement will have been fulfilled if documentation can be submitted on the cotton producers that produced at least 75% of the cotton used in the final product, and moreover that these cotton producers state that the specified substances have not been used on land on which the cotton was cultivated, on the cotton plants themselves or on the cotton itself.

or

- Test report from an accredited laboratory where the most relevant of the following test methods has been used: US EPA 8081 A (organic chloropesticides with ultrasound or Soxhlet extraction and non-polar solvents (isooctane or hexane)), 8151 A (chloronated herbicides with the use of methanol), 8141 A (organic phosphorous compounds) or 8270 C (semivolatile organic compounds).

Exception: The requirement will have been fulfilled if more than 50% of the cotton is organically cultivated or cultivated during a transitional phase, i.e. that an independent organisation has certified that the cotton was produced in accordance with the production and inspection requirements contained in Council Regulation (EEC) No. 2092/91 of 24 June 1991 on the organic production of agricultural products and indications referring thereto on agricultural products and foodstuffs (1).

TOC/COD emissions (linen and other bast fibres):

Have emissions of TOC/COD in retting (with the exception of dew retting by mechanical methods) been reduced by at least 75% in relation to untreated emissions measured as TOC or COD in internal/external treatment plants or through internal measures that restrict the emissions?

Yes No

- In the case of water retting, test report from an accredited laboratory on the basis of the following or an equivalent test method: ISO 6060 (COD).

Wool:**Pesticides:**

Group A: Does the total content of the following substances in the wool fibre exceed 0.5 ppm: hexachlorocyclohexane (lindan), hexachlorocyclohexane, hexachlorocyclohexane, hexachlorocyclohexane, aldrin, dieldrin, endrin, p,p'-DDT and p,p'-DDD? Yes No

Group B: Does the total content of the following substances in the wool fibre exceed 2 ppm: diazinon, propetamphos, chlorfenvinphos, dichlorfenthion, chlorpyriphos and fenclorphos? Yes No

Group C: Does the total content of the following substances in the wool fibre exceed 0.5 ppm: cypermethrin, deltamethrin, fenvalerate, cyhalothrin og flumethrin 0,5 ppm ? Yes No

Group D: Does the content of the following substances in the wool fibre exceed 2 ppm: diflubenzuron and triflumuron? Yes No

The requirement will have been fulfilled if the applicant can document the wool suppliers that produced at least 75% of the wool in the final product and that these wool suppliers declare that the substances in question were not used on the ground or on animals

or

Test report from an accredited laboratory based on the following or an equivalent test method: IWTO Draft Test Method 59.

COD emissions:

Are emissions of COD in waste water to the sewage system from scouring less than 60 g/kg of untreated wool? Yes No

Has COD in waste water been reduced by at least 75% (annual mean value)? Yes No

Test report from an accredited laboratory on the basis of the following or an equivalent test method: ISO 6060 (COD).

Chemicals used in textile production

Are auxiliary chemicals used in the production of the textile? Yes No
If yes, Form 2 Part B must be completed by the chemical manufacturer.

Overview of auxiliary chemicals used.

Are alkylphenol ethoxylates (APEO), linear alkylbenzene sulphonates (LAS), di(hydrogenated tallow dimethyl ammonium chloride (DHT),) ammonium chloride (DHTDMAC), distearyl dimethyl ammonium chloride (DSDMAC), ditallow dimethyl ammonium chloride (DTDMAC), ethylene diomine tetra acetate (EDTA) and diethylene triamine pentaacetate (DTPA) used in the production of the textile materials? Yes No

Have colourants been added to the textile material
(dyeing and/or printing)? Yes No
If yes, Form 2 Part B must be completed by the colourant manufacturer.

Overview of colourants used for dyeing and/or for printing

If yes, the following colour fastness requirements must be fulfilled:

Is colour fastness to wet abrasion at least level 2 - 3? Yes No

Is colour fastness to dry abrasion at least level 4? Yes No

Is colour fastness to light at least level 5? Yes No

Test report from an accredited laboratory based on the following or an equivalent test method: ISO 105 X12 and B02

Has the textile material been finished? Yes No

If yes, Form 2, Part b must be completed by the chemical manufacturer.

Overview of chemicals used in finishing.

If yes, has plastisol-based printing been used? Yes No

Is the content of free formaldehyde in the textile material
less than 30 ppm? Yes No

Declaration that no products containing formaldehyde
have been used

or

Test report from an accredited laboratory based on the following or an equivalent test method: EN ISO 14184-1.

Has fragrance been added to the textile material? Yes No

If yes, Form 2 Part C must be completed by the fragrance manufacturer.

Signature of manufacturer:

Date	Company name
Contact	Telephone

**Form 2 – Part B Manufacturer of auxiliary chemicals,
2 pages colourant or chemicals for finishing textile
materials**

Name: _____

Type of product: _____

Manufacturer: _____

General:

Does the product contain alkyl phenol ethoxylates (APEO), linear alkyl benzene sulphonates (LAS), di(hydrogenated tallow dimethyl ammonium chloride (DHT),) ammonium chloride (DHTDMAC), distearyl dimethyl ammonium chloride (DSDMAC), ditallow dimethyl ammonium chloride (DTDMAC), ethylene diomine tetra acetate (EDTA) and diethylene triamine pentaacetate (DTPA)

Yes No

Colourants:

Impurities:

Is the concentration of impurities (ionic form) in dyestuffs less than the following values?

Ag 100ppm, As 50ppm, Ba 100ppm, Cd 20ppm, Co 500ppm, Cr 100ppm, Cu 250ppm, Fe 2500ppm, Hg 4ppm, Mn 1000ppm, Ni 200ppm, Pb 100 ppm, Se 20ppm, Sb 50 ppm, Sn 250 ppm, Zn 1500 ppm

Yes No

An exemption applies to metals that form an integral part of the dyestuff molecule (e.g. metal complex dyestuffs and certain reactive dyestuffs) when assessing whether these values have been fulfilled (impurities in the dyestuff).

Metal complex dyestuffs:

Is the product based on copper, chromium or nickel?

Yes No

Azo dyestuffs:

Can the product shed the following aromatic amines?

4-aminodiphenyl (92-67-1), Benzidin (92-87-5), 4-chlor-o-toluidin (95-69-2), 2-naphthylamin (91-59-8), o-amino-azotoluen (97-56-3), 2-amino-4-nitrotoluen (99-55-8), p-chloranilin (106-47-8), 2,4-diaminoanisol (615-05-4), 4,4'-diaminodiphenylmethan (101-77-9), 3,3'-dichlorbenzidin (91-94-1), 3,3'-dimethoxybenzidin (119-90-4), 3,3'-dimethylbenzidin (119-93-7), 3,3'-dimethyl-4,4'-diaminodiphenylmethan (838-88-0), p-cresidin (120-71-8), 4,4'-methylen-bis-(2-chloranilin) (101-14-4), 4,4'-oxydianilin (101-80-4), 4,4'-thiodianilin (139-65-1), o-toluidin (95-53-4), 2,4-diaminotoluen (95-80-7), 2,4,5-trimethylanilin (137-17-7), 4-aminoazobenzen (60-09-3), o-anisidin (90-04-0)

Yes No

Dyestuffs that are carcinogenic, mutagenic or toxic for reproduction

Does the product contain the following pigments?

C.I. Basic Red 9, C.I. Disperse Blue 1, C.I. Acid Red 26, C.I. Basic Violet 14 C.I. Disperse Orange 11, C. I. Direct Black 38, C. I. Direct Blue 6, C. I. Direct Red 28, C. I. Disperse Yellow 3
Yes No

Do the dyestuff or mixtures contain substances that have been or may be allotted one or more of the risk phrases (or combinations thereof): R40, R45, R46, R49, R60, R61, R62, R63 and/or R68 in accordance with regulations in force in any Nordic country or in accordance with the EU classification system (18th adaptation of Directive 67/548/EEC)?

Yes No

If yes, state quantities: _____

Printing

Does the printing paste contain more than 5% by weight of organic solvents? Yes No

Organic solvents are defined as organic compounds with a boiling point of less than 250°C at 1 atm pressure or a vapour pressure of over 0.01 kPa at 293.12 K.

Does the concentration of impurities (ionic form) in pigments exceed the following values?

As 50 ppm, Ba 100 ppm, Cd 50 ppm, Cr 100 ppm, Hg 25 ppm, Pb 100 ppm, Se 100 ppm, Sb 250 ppm, Zn 1000 ppm.
Yes No

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 2 - Part C Manufacturers of fragrance
1 page

Product name: _____

Manufacturer: _____

Does the above product contain substances that the EU scientific committee SCCNFP has stated has particular potential for triggering allergies? Yes No

Does the above product contain substances that are classified as R42 or R43 in accordance with Directive 67/548/EEG? Yes No

Does the above product contain musk xylene (cas no. 81-15-2), musk ketone (cas no. 81-14-1), musk ambrette (cas no.), musk tibetine (cas no.), moskene or polycyclical musk compounds? Yes No

- Product safety datasheet in accordance with the EU classification system 1999/45/EC (with adaptations and amendments).
- Formula (100% of ingoing substances must be specified, ranges will be accepted) including CAS-numbers if possible.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 3 – Padding materials

Part A: To be completed by manufacturers of padding materials

Part B: To be completed by manufacturers of colourants

Part C: To be completed by manufacturers of fragrances

Procedure:

The toy manufacturer must send the whole of Form 3 to suppliers of padding materials. The manufacturer of padding materials must then send Form 2 Part B to manufacturers of colourants and Form 2 Part C to fragrance manufacturers, if such additives have been used.

Form 3 - Part A Manufacturer of padding material

1 page

Name/description of material: _____

Manufacturer: _____

In the case of mixed products, state ratio of mixture: _____

Polyester:

Is the content of antimony in the polyester fibre
less than or equal to 260 ppm? Yes No

Declaration stating that antimony is not used in the production of polyester fibre

or

Test report from an accredited laboratory on the basis of the following or an equivalent test method: Direct determination by means of atomic absorption spectroscopy. The test must be performed on raw fibre before wet treatment.

Is a blowing agent used in the production of the padding material? Yes No

If yes, state name (including auxiliary blowing agent): _____

Is the content of free formaldehyde in the padding material
less than 30 ppm? Yes No

Declaration stating that no products containing formaldehyde are used

or

Test report from an accredited laboratory on the basis of the following or an equivalent test method: EN ISO 14184-1.

Has colour been added to the padding material? Yes No

If yes, Form 2 Part B must be completed by the colourant manufacturer.

Overview of colourants used for dyeing.

Has fragrance been added to the textile materials? Yes No

If yes, Form 2 Part C must be completed by the fragrance manufacturer.

Signature of the manufacturer:

Date	Company name
Contact	Telephone

**Form 3 – Part B Manufacturer of colourants for padding
2 pages materials**

Name: _____

Manufacturer: _____

Impurities:

Is the concentration of impurities (ionic form) in dyestuffs less than the following values?

Ag 100ppm, As 50ppm, Ba 100ppm, Cd 20ppm, Co 500ppm, Cr 100ppm, Cu 250ppm, Fe 2500ppm, Hg 4ppm, Mn 1000ppm, Ni 200ppm, Pb 100 ppm, Se 20ppm, Sb 50 ppm, Sn 250 ppm, Zn 1500 ppm

Yes No

An exemption applies to metals that form an integral part of the dyestuff molecule (e.g. metal complex dyestuffs and certain reactive dyestuffs) when assessing whether these values have been fulfilled (impurities in the dyestuff).

Metal complex dyestuffs:

Is the product based on copper, chromium or nickel?

Yes No

Azo dyestuffs:

Can the product shed the following aromatic amines?

4-aminodiphenyl (92-67-1), Benzidin (92-87-5), 4-chlor-o-toluidin (95-69-2), 2-naphthylamin (91-59-8), o-amino-azotoluen (97-56-3), 2-amino-4-nitrotoluen (99-55-8), p-chloranilin (106-47-8), 2,4-diaminoanisol (615-05-4), 4,4'-diaminodiphenylmethan (101-77-9), 3,3'-dichlorbenzidin (91-94-1), 3,3'-dimethoxybenzidin (119-90-4), 3,3'-dimethylbenzidin (119-93-7), 3,3'-dimethyl-4,4'-diaminodiphenylmethan (838-88-0), p-cresidin (120-71-8), 4,4'-methylen-bis-(2-chloranilin) (101-14-4), 4,4'-oxydianilin (101-80-4), 4,4'-thiodianilin (139-65-1), o-toluidin (95-53-4), 2,4-diaminotoluen (95-80-7), 2,4,5-trimethylanilin (137-17-7), 4-aminoazobenzen (60-09-3), o-anisidin (90-04-0)

Yes No

Dyestuffs that are carcinogenic, mutagenic or toxic for reproduction

Does the product contain the following pigments?

C.I. Basic Red 9, C.I. Disperse Blue 1, C.I. Acid Red 26, C.I. Basic Violet 14 C.I. Disperse Orange 11, C. I. Direct Black 38, C. I. Direct Blue 6, C. I. Direct Red 28, C. I. Disperse Yellow 3

Yes No

Do the dyestuff or mixtures contain substances that have been or may be allotted one or more of the risk phrases (or combinations thereof): R40, R45, R46, R49, R60, R61, R62, R63 and/or R68 in accordance with regulations in force in any Nordic country or in accordance with the EU classification system (18th adaptation of Directive 67/548/EEC)?

Yes No

If yes, state quantities: _____

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 3 – Part C Manufacturer of fragrance
1 page

Product name: _____

Manufacturer: _____

Does the above product contain substances that the EU scientific committee SCCNFP has stated has particular potential for triggering allergies? Yes No

Does the above product contain substances that are classified as R42 or R43 in accordance with Directive 67/548/EEG? Yes No

Does the above product contain musk xylene (cas no. 81-15-2), musk ketone (cas no. 81-14-1), musk ambrette (cas no.), musk tibetine (cas no.), moskene or polycyclical musk compounds? Yes No

- Product safety datasheet in accordance with the EU classification system 1999/45/EC (with adaptations and amendments).
- Formula (100% of ingoing substances must be specified, ranges will be accepted) including CAS-numbers if possible.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 4 – Wood

Part A: To be completed by manufacturers/suppliers of wood raw material

Part B: To be completed by manufacturers of chemicals used for impregnating/treating or modifying the wood

Form 4 – Part A Supplier of wood

2 pages

Type of product _____

Manufacturer/supplier: _____

The traceability of wood raw materials

Type of wood (Latin name and English name)	Geographical origin (country, province)	Certification (see documentation requirements on the next page)	Supplier (see documentation requirements on the next page)

Has the wood raw material been impregnated/treated or modified Yes No

If yes, Form 4 Part B must be completed by the chemical manufacturer

Overview of chemicals used for impregnating/treating or modifying the wood.

Surface treatment:

Does the product undergo surface treatment Yes No

If yes, send Form 6 Part A to the chemical supplier, and, if applicable, to the producer that performs surface treatment.

Overview of chemicals used for the surface treatment of the wood.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Forestry certification requirements

Wood used in the product must be certified by a third party in accordance with a current forestry standard that fulfils the standard and certification system requirements.

The following requirements apply to standards and certification systems acceptable to Nordic Ecolabelling.

Standards

- 1) The standard must balance, economic, ecological and social interests and be in compliance with the UN's Rio Document, Agenda 21 and the Forestry Principles, and respect relevant international conventions and agreements.
- 2) The standard must contain absolute requirements and promote and be directed at sustainable forestry.
- 3) The standard must be generally available. The standard must have been developed in an open process in which ecological, economic and social interest groups were invited to participate.

Certification systems

The certification system must be transparent, enjoy broad national and international credibility and be capable of verifying fulfilment of the requirements of the forestry standard (see above).

The certification body

The certification body must be impartial, credible and able to verify that the requirements of the standard have been fulfilled, able to communicate the results and be fitted to securing the efficient implementation of the standard.

Documentation

- Copy of the forestry standard, name, address and telephone number of the organisation that formulated the standard and the final report of the certification body.
- References must be provided to persons representing parties and interest groups that were invited to participate in the development of the forestry standard.
- The ecolabelling organisation reserves the right to require the submission of further documentation in order to assess whether the standard and certification system requirements have been fulfilled.

**Form 4 – Part B Manufacture of chemicals for the
1 page impregnation/treatment or modification of wood**

Product name: _____

Manufacturer: _____

Is the product classified as R40, R42, R45, R46, R49, R60 - R63, R68, R23-R28, R50, R52 and/or R53 (or combinations thereof) in accordance with the regulations on the classification and labelling of hazardous chemicals in force in any Nordic country and/or EU classification system 1999/45/EC (with adaptations and amendments)?

Yes No

Product safety data sheet in accordance with EU classification system 1999/45/EC (with adaptations and amendments).

Have halogenated organic compounds been added to the product? Yes No

Have phthalates been added to the product? Yes No

Have aziridine and polyaziridines been added to the product Yes No

Has creosote been added to the product? Yes No

Have active ingredients, pigments or additives based on arsenic, lead, boron, tin, cadmium, copper, chromium VI or mercury been added to the product? Yes No

Does the product contain organic solvents? Yes No

Organic solvents are defined as organic compounds with a boiling point of less than 250°C at 1 atm pressure or a vapour pressure of over 0.01 kPa at 293.12 K.

If yes, state quantities: _____

Of which aromatic solvents: _____

Exception: Solvents that polymerise in the wood may be used if the degree of polymerisation is at least 95 %.

Test report from an accredited laboratory documenting the degree of polymerisation.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 5 – Wood-based materials

Part A: To be completed by manufacturers of wood-based materials.

Part B: Formaldehyde, to be completed by manufacturers of wood-based materials.

Part C: To be completed by manufacturers of chemicals.

Form 5 – Part A Suppliers of wood-based materials

2 pages

Type of product: _____

Manufacturer/supplier: _____

The traceability of wood raw materials

Type of wood (Latin name and English name)	Geographical origin (country, province)	Certification (see documentation requirements on the next page)	Supplier (see documentation requirements on the next page)

Does the product contain sawdust/wood shavings and/or offcuts from sawmills and/or untreated wood from demolished structures and/or recycled fibre?

Yes No

Overview of proportion and supplier of sawdust/wood shavings and/or offcuts from sawmills and/or untreated wood from demolished structures and/or recycled fibre

Chemicals used in production:

Does the product contain formaldehyde-based additives Yes No

If yes, complete Form 5, Part B

In the case of other chemicals, Form 5 Part C must be completed by the chemical manufacturer.

Overview of chemicals used, including name, manufacturer and quantity (g/kg panel material)

Surface treatment:

Does the product undergo surface treatment Yes No

If yes, send Form 6 Part A to the chemical supplier, and, if applicable, to the producer that performs surface treatment.

Overview of chemicals used for the surface treatment of the wood.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Forestry certification requirements

Wood used in the product must be certified by a third party in accordance with a current forestry standard that fulfils the standard and certification system requirements.

The following requirements apply to standards and certification systems acceptable to Nordic Ecolabelling.

Standards

- 4) The standard must balance, economic, ecological and social interests and be in compliance with the UN's Rio Document, Agenda 21 and the Forestry Principles, and respect relevant international conventions and agreements.
- 5) The standard must contain absolute requirements and promote and be directed at sustainable forestry.
- 6) The standard must be generally available. The standard must have been developed in an open process in which ecological, economic and social interest groups were invited to participate.

Certification systems

The certification system must be transparent, enjoy broad national and international credibility and be capable of verifying fulfilment of the requirements of the forestry standard (see above).

The certification body

The certification body must be impartial, credible and able to verify that the requirements of the standard have been fulfilled, able to communicate the results and be fitted to securing the efficient implementation of the standard.

Documentation

- Copy of the forestry standard, name, address and telephone number of the organisation that formulated the standard and the final report of the certification body.
- References must be provided to persons representing parties and interest groups that were invited to participate in the development of the forestry standard.
- The ecolabelling organisation reserves the right to require the submission of further documentation in order to assess whether the standard and certification system requirements have been fulfilled.

Form 5 – Part B Manufacturers of wood-based materials

1 page

Formaldehyde

Panels containing formaldehyde-based additives must fulfil one of the following two requirements:

The content of free formaldehyde must not exceed the following threshold values as determined using the applicable version of EN-120, the Perforator Method:

In the case of individual values: ≤ 8 mg formaldehyde/100 g dry substance.

In the case of the six-monthly mean value: ≤ 6.5 mg formaldehyde/100 g dry substance.

The requirements apply to panels made of wood with a moisture content of $H = 6.5\%$.

If the panels have a different moisture content within the range 3 – 10 %, the analysed perforator value must be multiplied by a factor, F , derived from the formula:

For particle board: $F = 0.133H + 1.86$

For MDF: $F = -0.21H + 1.78$

Emissions of formaldehyde must not exceed 0.13 mg formaldehyde/m³ air during testing using the measurement methods specified in Appendix Y1.

Alternative for plywood:

As an alternative, the plywood panel may fulfil the requirements provided for in the Finnish classification system “Emission Classification of Building Materials”.

Emission: ≤ 0.125 mg formaldehyde/m²h

This requirement is identical to the Swedish and Danish special scheme specified in EN 120 and is stricter than the general formulations that apply in the other countries, e.g. Norway and Finland.

- Sampling programme, including measurement methods, measurement results and measurement frequency, See Appendix Y1. For working up and analysis methods, see Appendix Y1.
- If alternative 2 is chosen, documentation must be provided on how the use of regular quality control procedures enables the prevention of panels with an excessively high formaldehyde content from being used before the analysis results are ready.
- As an alternative, the following documentation may be used.
- In the case of products approved under the Danish or Norwegian indoor climate label: copy of a valid licence/certificate.
- In the case of products approved under the Finnish classification system
- “Emission Classification of Building Materials”, Class M1: copy of valid licence/certificate.
- In the case of products approved under Dansk Pladekontrol Class E1: copy of valid licence/certificate.
- In the case of products approved under the P-märkningen scheme in Sweden: copy of licence/certificate.

Form 5 – Part C Manufacturers of chemicals

1 page

Product name: _____

Type of product: _____

Manufacturer: _____

Is the product classified as R40, R42, R45, R46, R49, R60 - R63, R68, R23-R28, R50, R52 and/or R53 (or combinations thereof) in accordance with the regulations on the classification and labelling of hazardous chemicals in force in any Nordic country and/or EU classification system 1999/45/EC (with adaptations and amendments)?

Yes No

Product safety data sheet in accordance with EU classification system 1999/45/EC (with adaptations and amendments).

Does the product contain free formaldehyde Yes No

If yes, state quantities: _____

Does the product contain substances that are classified as R50, R52 or R53 (or combinations thereof)? Yes No

If yes, state name of substance (including CAS number if possible) and quantities:

Have halogenated organic binding agents been added to the product? Yes No

Have halogenated organic flame retardants been added to the products? Yes No

Have polychlorinated biphenyls been added to the product? Yes No

Have alkyl phenols been added to the product? Yes No

Have phthalates been added to the product? Yes No

Have aziridines and polyaziridines been added to the product? Yes No

Have pigments and/or additives based on lead, tin, cadmium, chromiumVI and mercury and their compounds been added to the product? Yes No

Does the content of alkylphenol ethoxylates or other alkylphenol derivatives in the chemical product exceed 0.6 % by weight? Yes No

Alkylphenol derivatives are defined as substances that shed alkylphenols during degradation.

Does the product contain organic solvents? Yes No

Organic solvents are defined as organic compounds with a boiling point of less than 250°C at 1 atm pressure or a vapour pressure of over 0.01 kPa at 293.,12 K.

If yes, state quantities: _____

Of which aromatic solvents: _____

Signature of manufacturer: _____

Date	Company name
Contact	Telephone

Form 6 – Surface treatment of wood and wood-based materials

To be completed by manufacturers of chemicals used in surface treatment and, if applicable, by contractors that perform surface treatment services.

Form 6 Chemical manufacturer

2 pages

Product name: _____

Type of product: _____

Manufacturer: _____

Is the product classified as R40, R42, R45, R46, R49, R60 - R63, R68, R23-R28, R50, R52 and/or R53 (or combinations thereof) in accordance with the regulations on the classification and labelling of hazardous chemicals in force in any Nordic country and/or EU classification system 1999/45/EC (with adaptations and amendments)?

Yes No

Product safety data sheet in accordance with EU classification system 1999/45/EC (with adaptations and amendments).

Does the product contain formaldehyde? Yes No

If yes, state quantities: _____

Test report from accredited laboratory with test result

Have halogenated organic binding agents been added to the product? Yes No

Have halogenated organic flame retardants been added to the products? Yes No

Have polychlorinated biphenyls been added to the product? Yes No

Have alkyl phenols been added to the product? Yes No

Have phthalates been added to the product? Yes No

Have aziridines and polyaziridines been added to the product? Yes No

Have pigments and/or additives based on lead, tin, cadmium, chromiumVI and mercury and their compounds been added to the product? Yes No

Does the content of alkylphenol ethoxylates or other alkylphenol derivatives in the chemical product exceed 0.6 % by weight? Yes No

Alkylphenol derivatives are defined as substances that shed alkylphenols during degradation.

Does the product contain organic solvents? Yes No

Organic solvents are defined as organic compounds with a boiling point of less than 250°C at 1 atm pressure or a vapour pressure of over 0.01 kPa at 293.,12 K.

If yes, state quantities: _____

Of which aromatic solvents: _____

If the product contains more than 5% by weight of aromatic solvents, the following alternative requirements may be fulfilled:

Is the TVOC (Total Volatile Organic Compounds)

of the toy less than 1200 $\mu\text{g}/\text{m}^2$ of air?

Yes No

Test report from an accredited test laboratory stating TVOC results from a chamber test (min 24 hours) and analysis with the aid of GC/MS.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 7 - Metals

Part A: Coatings

Part B: Surface treatment

Form 7 – Part A Coatings for metals

1 page

Name/description of product: _____

Manufacturer/importer: _____

Has the metal part been treated with halogenated organic compounds (e.g. during degreasing)? Yes No

Is the metal part coated with cadmium, chromium, nickel or their compounds? Yes No

In exceptional cases metal surfaces may be treated with chromium or nickel where this is necessary because of heavy physical wear and tear and where parts need to have a particularly tight fit. Emissions from surface treatment with nickel or chromium must not exceed the following values:

Chromium, total: 0.1 mg/l

Chromium (VI): 0.02 mg/l

Nickel: 0.1 mg/l

- Test report from an accredited laboratory in accordance with the following or equivalent test methods:
- ISO 9174 for Ni, prEN 1233 for Cr, Standard Methods 3500-Cr D (3) ICP-MS (3), EN ISO 5667-3 2004 or HPLC ICP-MS for Cr (VI).
- Sampling frequency: Emission to water are calculated as the annual mean value and based on at least one representative day sample per week.
- Sampling: Samples of process water must be taken after external treatment and the analyses must be performed on an unfiltered sample. As an alternative the sampling frequency specified by the authorities.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 7 – Part B Surface treatment of metals

1 page

Product name: _____

Type of product: _____

Manufacturer: _____

Is the product classified as R40, R42, R45, R46, R49, R60 - R63, R68, R23-R28, R50, R52 and/or R53 (or combinations thereof) in accordance with regulations on the classification and labelling of hazardous chemicals in any Nordic country and/or EU classification system 1999/45/EC (with adaptations and amendments)? Yes No

Product safety data sheet in accordance with EU classification system 1999/45/EC with adaptatiaons and amendments).

Have halogenated organic compounds been added to the product? Yes No

Have phthalates been added to the product? Yes No

Have aziridin and polyaziridins been added to the product? Yes No

Have pigments and/or additives based on lead, tin, cadmium, chromium VI and mercury and their compounds been added to the product? Yes No

Does the product contain organic solvents? Yes No

Organic solvents are defined as organic compounds with a boiling point of less than 250°C at 1 atm pressure or a vapour pressure of over 0.01 kPa at 293.12 K.

If yes, state quantities: _____

Of which aromatic solvents: _____

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 8 – Electric toys

Part A: To be completed by the manufacturer of the electric toy

Part B: To be completed by manufacturers of circuit boards/micro processors and motors

Part C: To be completed by manufacturers of light sources

Part D: To be completed by manufacturers of push/rocker switches

Form 8 Part A: Manufacturer of electric toy

1 page

Description of product: _____

Does the product fulfil the RoHS-directive? Yes No

Confirmation that the product fulfils the RoHS-directive (EU Directive 2002/95/EC, Restriction of use of certain hazardous substances)

Does the product contain circuit boards, micro processors or motors? Yes No

If yes, send Form 8, Part B to the manufacturer.

Does the product contain light sources? Yes No

If yes, send Form 8, Part C to the manufacturer of the light sources.

Does the product contain push/rocker switches? Yes No

If yes, send Form 8, Part D to the manufacturer of push/rocker switches.

Are batteries provided with the product? Yes No

If yes, state licence number: _____

If the batteries are not Swan-labelled, documentation as specified in a valid criteria document or the Swan-labelling of batteries must be submitted for assessment.

If yes, can the batteries be replaced? Yes No

Signature of manufacturer:

Date	Company name
Contact	Telephone

**Form 8 Part B: Manufacturers of circuit boards, micro
1 page processors and machines used in the product**

Type of product: _____

Manufacturer: _____

Do the materials (plastic and metal) contain flux,
lead, mercury, cadmium or chromium (VI)? Yes No

Confirmation of compliance of the RoHS-directive (EU-Directive 2002/95/EC,
Restriction of use of certain hazardous substances)

Are chemicals containing the following substances
(regulated by the Montreal Protocol) used in the end production
of machines or the production of circuit boards: CFC, HCFC,
1.1.1-trichloroethane or carbon tetrachloride? Yes No

Attach a list of chemicals used.

Have halogenated flame retardants been added to
circuit boards, microprocessors and/or motors? Yes No

Attach list of flame retardants, if any.

Does varnish used in surface treatment contain
halogenated flame retardants? Yes No

Attach list of any flame retardants used in the varnish.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 8 Part C: Manufacturer of light sources

1 page

Name of product: _____

Manufacturer: _____

List of chemical products (name and manufacturer) used in the production of light emitting diodes:

Are any of the chemical products listed above classified as carcinogenic R23-R28, R40, R45, R46, R49, R60, R61, R62, R63 in accordance with regulations on the classification and labelling of hazardous chemicals in force in any Nordic country and/or EU classification system 1999/45/EC

(with adaptations and amendments)? Yes No

Product safety data sheets in accordance EU classification system 1999/45/EC (with adaptations and amendments).

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 8 Part D: Manufacturer of push/rocker switches

1 page

Name of product: _____

Manufacturer: _____

Does the push/rocker switch contain mercury? Yes No

Describe the system/technology used in the push/rocker switch

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 9 Adhesives
1 page

Name of product: _____

Manufacturer: _____

Is the product classified as R10, R11, R12, R23, R24, R25, R26, R27, R28, R40, R42, R43, R45, R49, R50, R52, R53 (or combinations thereof) in accordance with regulations on the classification and labelling of hazardous chemicals in force in any Nordic country and/or EU classification system 1999/45/EC (with adaptations and amendments)? Yes No

Product safety data sheet in accordance with EU classification system 1999/45/EC (with adaptations and amendments).

Does the product contain substances that may be classified as R50, R52, R53 (or combinations thereof) in accordance with the regulations in force in any Nordic country or in accordance with the EU classification system (18th adaptation of Directive 67/548/EEC)? Yes No

If yes, state name (and CAS no. if possible) and quantities: _____

Does the product contain substances that may be classified as R40, R42, R43, R45, R46, R49, R60, R61, R62, R63, R68 (or combinations thereof) in accordance with the regulations in force in any Nordic country or in accordance with the EU classification system (18th adaptation of Directive 67/548/EEC)? Yes No

If yes, state name (and CAS no. if possible) and quantities: _____

Does the product contain or has the product been augmented with alkylphenol ethoxylates or other alkylphenol derivatives? Yes No
Substances that emit alkylphenols during degradation

Does the product contain or has the product been augmented with halogenated solvents? Yes No

Does the product contain or has the product been augmented with ethyleneglycole esters (CAS no. 109-86-4, 110-49-6, 110-80-5, 111-15-9, 111-77-3 and 111-90-0)? Yes No

Does the product contain or has the product been augmented with halogenated flame retardants? Yes No

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 10 Fragrance
1 page

Name of product: _____
Manufacturer: _____

Does the above product contain substances that according to the EU scientific committee SCCNFP have a particular potential for triggering allergies? Yes No

Does the above product contain substances classified as R42 or R43 in accordance with Directive 67/548/EEC? Yes No

Does the above product contain musk xylene (cas no. 81-15-2), musk ketone (cas no. 81-14-1), musk ambrette (cas no.), musk tibetine (cas no.) moskene or polycyclical musk compounds? Yes No

- Product safety data sheet in accordance with EU classification system 1999/45/EC (with adaptations and amendments)
- Formula (100% of ingoing substances must be stated, ranges will be accepted) including CAS number if possible.

Signature of manufacturer:

Date	Company name
Contact	Telephone

Form 11 Packaging and customer information

1 page

Product name: _____

Manufacturer: _____

Is PVC used as packaging or in labels? Yes No

Overview of packaging and labels used:

For electrical toys:

Copy of instructions for use.

Signature of manufacturer:

Date	Company name
Contact	Telephone