Safe products to protect consumers
促进产品安全，守护消费者

Common Risks in Toy Products Exported to the EU and Measures for Safety Improvement
输欧儿童玩具产品的常见安全风险及改进建议

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Overview of webinar
培训概览

- Toy product safety issues identified in the EU
  欧盟发现儿童玩具产品的安全风险问题

- Safety Improvement
  改进建议

Toy product safety risks identified by the EU
欧盟发现的玩具产品安全风险

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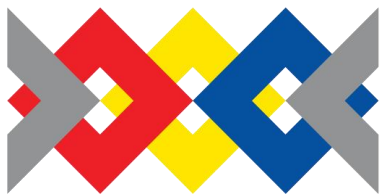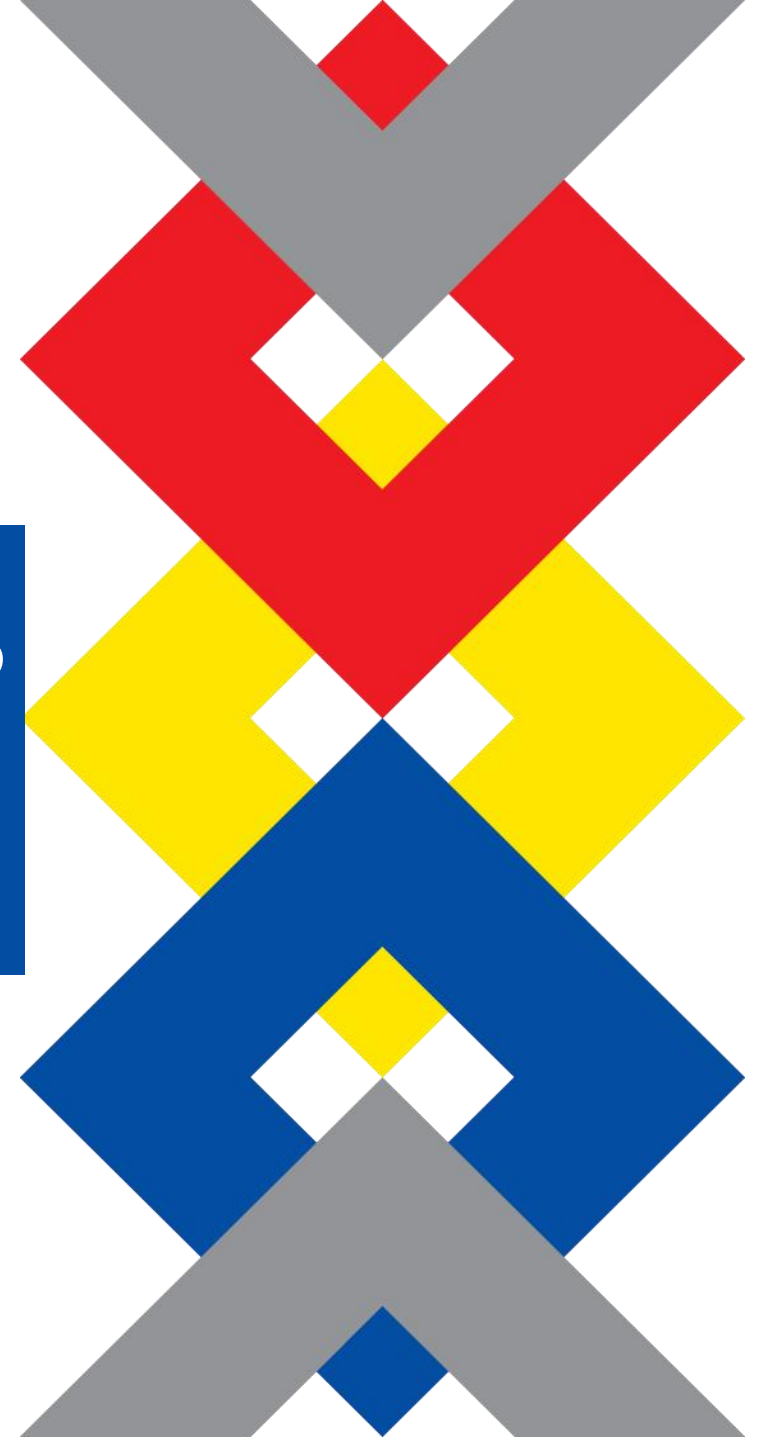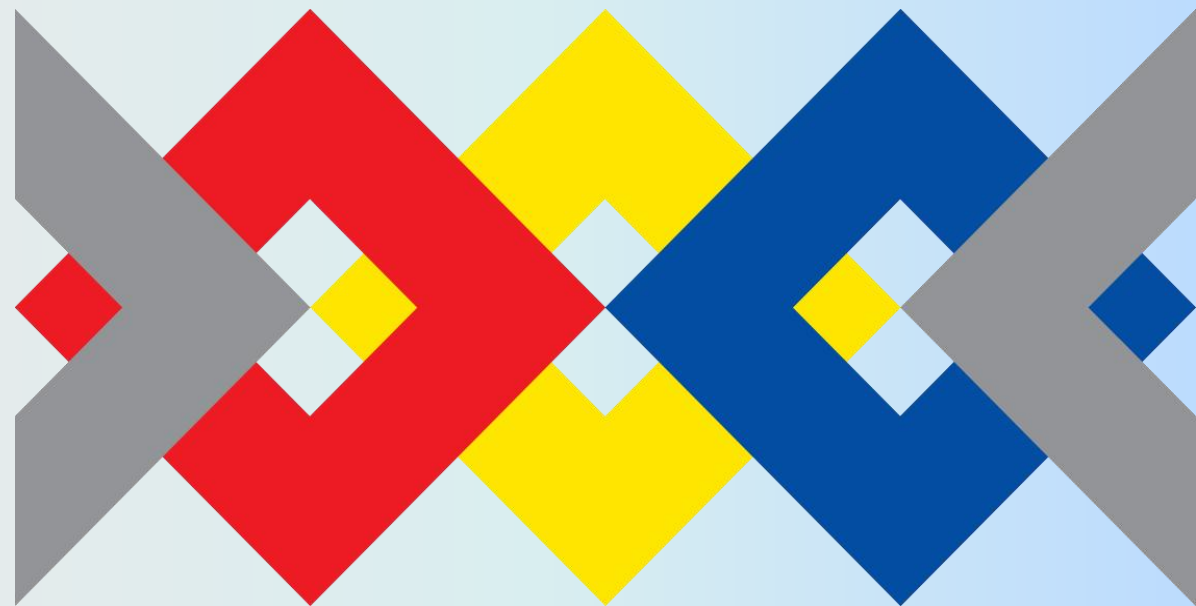Products in the EU and China
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The significance of the safety of toy products
玩具安全的重要性

- **Characteristics of children:**
  儿童的特点：
  Vulnerability; Highly concerned
  脆弱性；高被关注
- **Characteristics of products:**
  产品的特点：
  Multiple categories; numerous functions
  种类多；功能多

Safety Gate 安全门

Safety Gate: the EU rapid alert system for dangerous non-food products

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Alert from SafetyGate - analysis of risk products from China
安全门通报中国风险产品分析

Toys玩具
31%

Others 其他
39%

Electrical
appliances 电器
21%

Jewel珠宝
9%
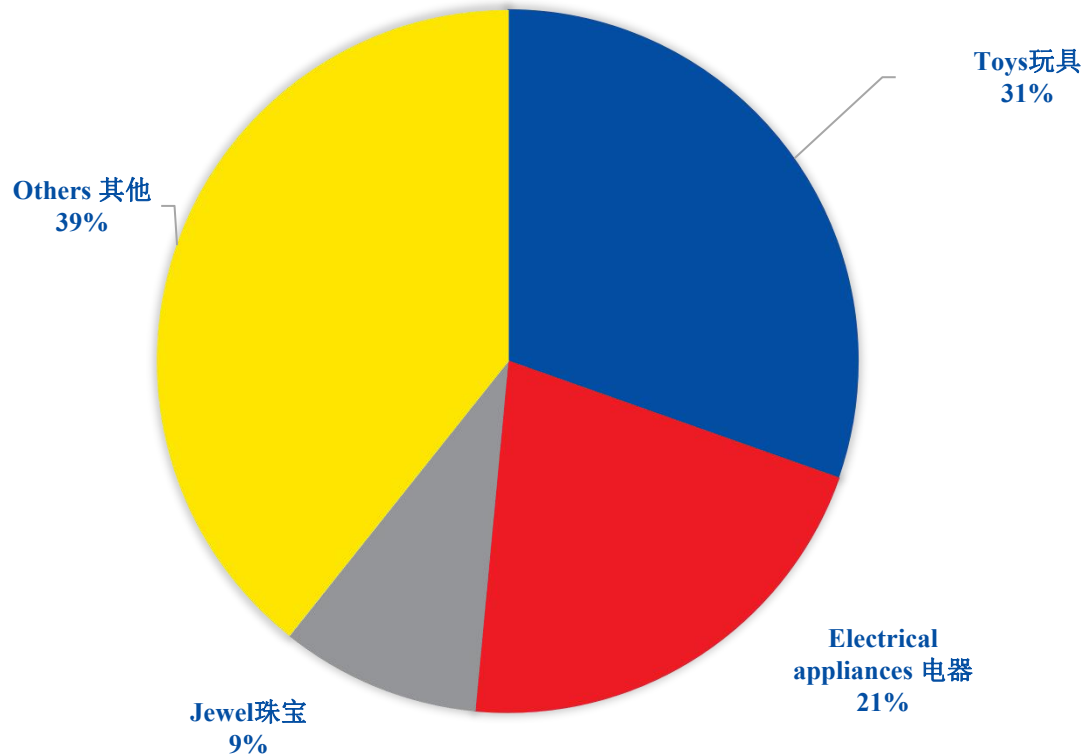
In 2023, EU notified 1235 cases of risk products originating in China, accounting for 36.9% of the total number of risk products notified by EU Safety Gate.

2023年，欧盟通报产品原产地为中国的有1235例，占欧盟Safety Gate通报总数的36.9%。

The most frequently notified risk products originating in China were toys (31%).

原产于中国被通报最多的产品为玩具（31%）。

Data Source: Beijing Customs District P.R.China

数据来源：北京海关

Safety risks in toys products
玩具常见安全风险

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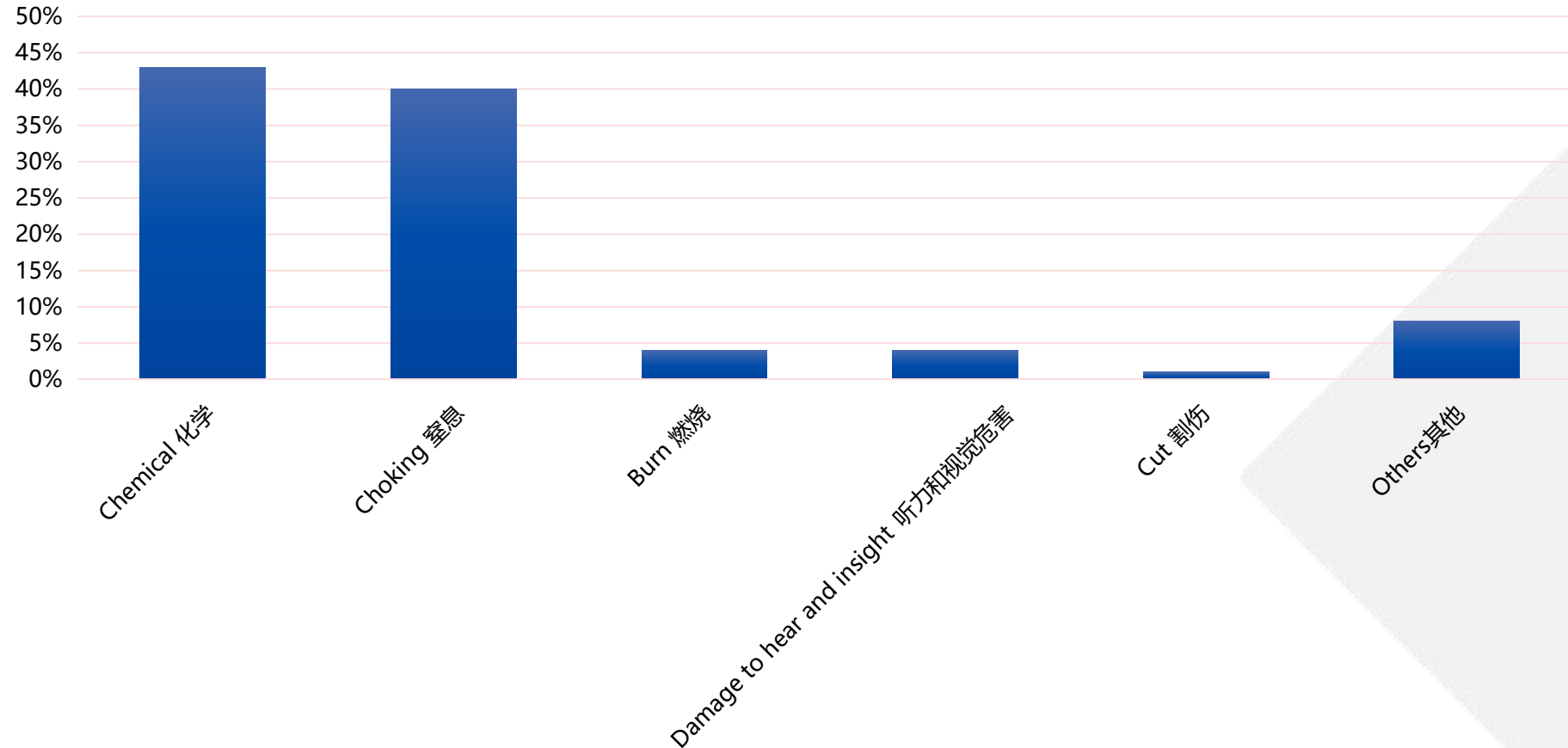
Example of Chemical Risk 化学风险案例

Product 产品：Plastic doll 塑料玩偶

Risk description 风险描述：The doll head has an excessive amount of bis (2-ethylhexyl) phthalate (DEHP) (measured value: up to 12.3 % by weight). This phthalate may harm the health of children, possibly causing damage to the reproductive system. 玩偶头部含有过量的DEHP（测量值12.3%重量计）。该邻苯二甲酸酯对儿童健康有害，可损害生殖系统。

Alert reason 通报原因：The product does not comply with the REACH Regulation. 不符合REACH 法规要求

Published on 发布日期：05/01/2024

Measures ordered by public authorities (to: Importer)监管机构采取的措施（对进口商）： Withdrawal of the product from the market 从市场撤回

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Example of Choking Risk 窒息风险案例

Product 产品：Rattle toy set 拨浪鼓玩具套装

Risk description 风险描述：The set of rattles has small parts. A small child could put them into the mouth and choke 套装含有小零件，小孩子可能将其放入口中导致窒息。

Alert reason 通报原因：The product does not comply with the requirements of the Toy Safety Directive nor with the European standard EN 71-1. 产品不符合玩具安全指令要求，也不符合EN 71-1.

Published on 发布日期：22/12/2023

Measures ordered by public authorities (to: Importer)监管机构采取的措施（对进口商）： Withdrawal of the product from the market 从市场撤回产品

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Example of Damage to hearing Risk
听力损伤风险案例

Product 产品：Toy telephone 玩具电话

Risk description 风险描述：The sound pressure level produced by the toy is too high (measured values: up to 81.1 dB), which could lead to permanent or partial hearing loss. 玩具产生的声压级过高(测量值:高达81.1 dB)，可能导致永久性或部分听力丧失。

Alert reason 通报原因：The product does not comply with the requirements of the Toy Safety Directive nor with the European standard EN 71-1. 产品不符合玩具安全指令要求，也不符合EN 71-1.

Published on 发布日期：27/01/2023

Measures ordered by public authorities (to: Importer)监管机构采取的措施（对进口商）： Withdrawal of the product from the market 从市场撤回产品

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Example of Cut Risk 割伤风险案例

Product 产品：Plastic toy 塑料玩具

Risk description 风险描述：The dinosaur's tail has rough edges which can cause cuts to a child. 恐龙角有粗糙的边缘，会割伤小孩。

Alert reason 通报原因：The product does not comply with the requirements of the Toy Safety Directive nor with the European standard EN 71-1. 产品不符合玩具安全指令要求，也不符合EN 71-1.

Published on 发布日期：24/03/2023

Measures ordered by public authorities (to: Importer)监管机构采取的措施（对进口商）： Import rejected at border 海关边境拒绝进口

Example of Burn Risk 燃烧风险案例

Product 产品：Children's fancy-dress mask儿童化装面具

Risk description 风险描述：The product is highly flammable. Children may wear the costume close to an ignition source and the costume may catch fire, resulting in burns. 产品高度易燃，儿童穿着的服装靠近点火源时，服装可能会着火，导致烧伤。

Alert reason 通报原因：The product does not comply with the requirements of the Toy Safety Directive nor with the European standards EN 71-1 and EN 71-2. 产品不符合玩具安全指令要求，也不符合EN 71-1和EN 71-2。

Published on 发布日期：24/03/2023

Measures ordered by public authorities (to: Importer)监管机构采取的措施（对进口商）： Withdrawal of the product from the market 从市场撤回产品

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Consequences of non-compliant products
问题产品的后果

- Adverse publicity in EU media – press and TV
  欧盟媒体负面报道-报纸以及电视
- Reputational damage 声誉损失
- Implications – EU Importers and EU consumers
  影响-欧盟进口商以及消费者

Indirect consequences – can be even more significant and impact EU and Chinese businesses
间接后果—可能更为严重，甚至影响到欧盟和中国之间的贸易

Safety Improvement of Toy's Risk
玩具安全风险改进建议
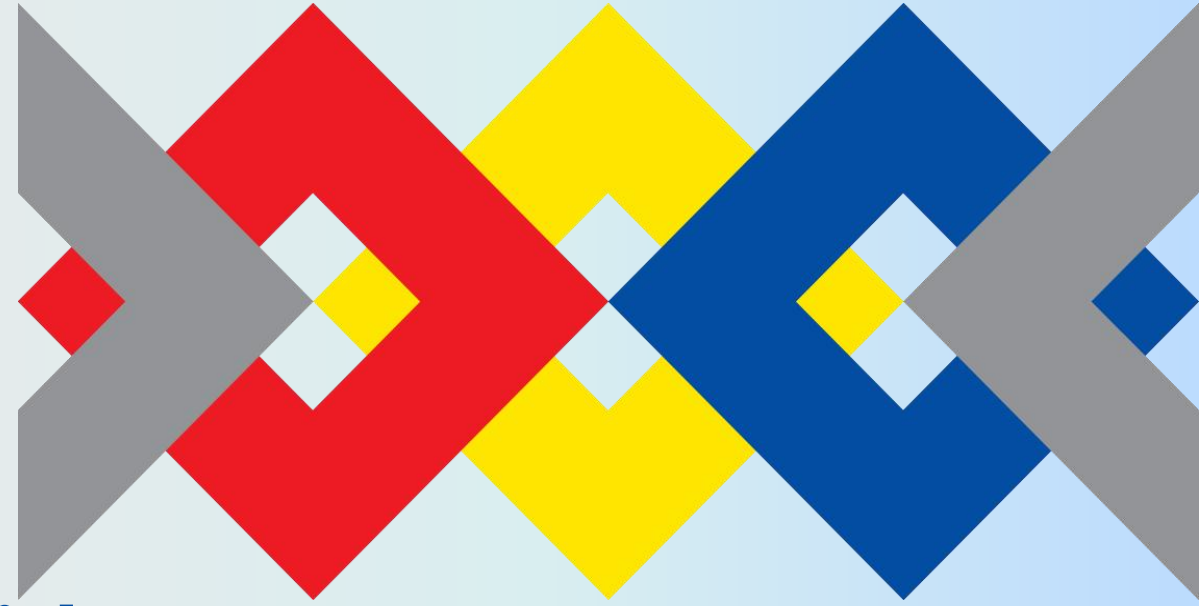
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Compliant process for placing products on market
产品投放市场合规流程

Understand the compliant requirement
了解合规要求

Prepare documents and carry out conformity assessment
准备文件，开展合格评定

Draw up a declaration of conformity, affix CE mark, affix labelling and marking, check for instructions

拟定EC合格声明，加贴CE标志，标识标签，说明书等

Legislation and standard system
欧盟玩具安全法规标准体系

Directive on the Safety of Toys (2009/48/EC) 玩具安全指令 2009/48/EC Regulation/directive on General Product Safety (2001/95/EC) 通用产品安全法规/指令（2001/95/EC）……	REACH, RoHS, etc. REACH，RoHS 等

Domestic Regulations of Member States 成员国国内法规

European Standards (CEN, CENELEC, and ETSI) 欧洲标准（CEN、CENELEC及ETSI）	
EN 71 – (1～11), EN 62115 EN 71 -（1～11），EN 62115	Non-harmonized Standards 相关非协调标准

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Solutions to avoid the chemical risks
避免化学风险的改进方案

- Purchasing Control; 采购控制；

- More Test; 加强检测；

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Purchasing Control and Supplier Communication
采购控制与供应商沟通

Safety assessment obligation

安全评估义务

Dialogue with supplier

供应商密切沟通

Declaration of conformity

符合性声明

Product information

了解相关信息

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Examples of materials and the chemicals (1)
材料及其可能含有的化学物质示例（1）

Soft plastics – PAH, phthalates

软塑料——多环芳烃、邻苯二甲酸酯

Rubber – zinc, PAH

橡胶——锌、多环芳烃

Textiles – formaldehyde, flame retardants, colouring agents

纺织品——甲醛、阻燃剂、着色剂

Leather – tanning substances e.g. chrome VI

皮革——鞣制剂，如六价铬

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Examples of materials and the chemicals（2）
材料及其可能含有的化学物质示例（2）

Metal alloys – lead, iron, copper, mercury, zinc

合金——铅、铁、铜、汞、锌

Glass – lead, arsenic

玻璃——铅、砷

Wood – preservatives (chrome, arsenic, copper, creosote)

木材——防腐剂（铬、砷、铜、杂酚油）

Paper – colouring agents (heavy metals)

纸张——着色剂（重金属）

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More Test
加强检测

- ☐ Random Incoming Inspection
  来料抽查检测；

- ☐ Problem Investigation;
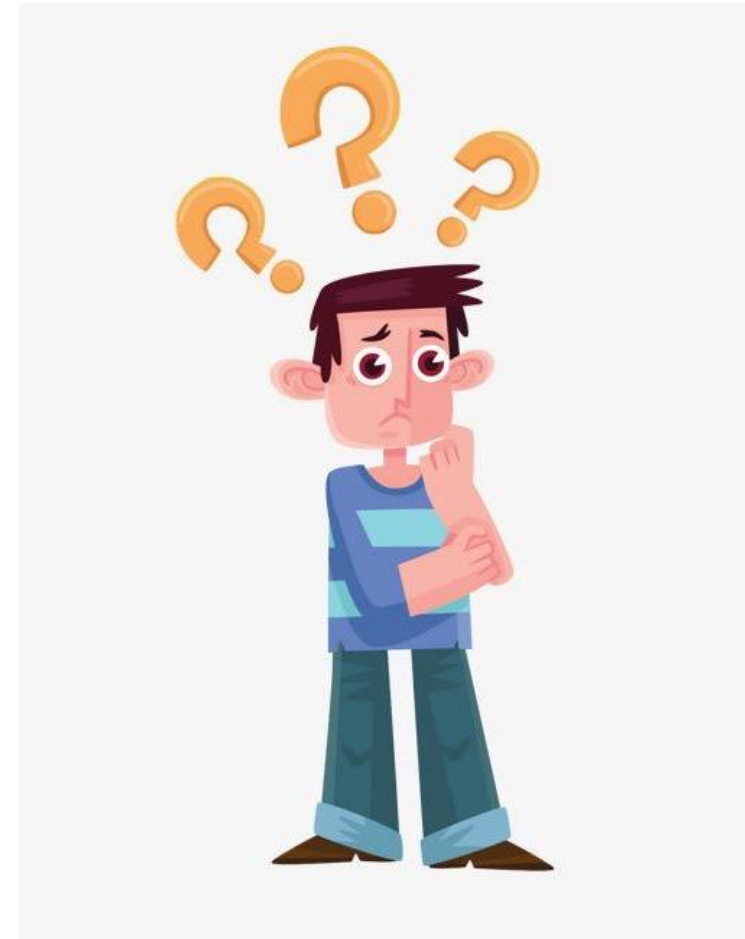 问题因素排查；

- ☐ Self Quality Control on Final Products;
  成品质量自控；

Solutions to avoid the physical risks
避免物理风险的改进方案

Risk Types危险类型		Related Toys and Parts (Examples) 对应的玩具或组件（举例）
Breath trouble 窒息	choking 噎哽型	Mouth-actuated toys膨胀材料；Mouth-actuated toys口动玩具；Small balls小球；Soft-filled toys填充玩具
	suffocation 覆盖型	Flexible plastic sheeting柔性塑料薄膜袋；Toy bags玩具袋；Balloons气球；Enclosures封闭式玩具；Packaging包装
Mechanical injuries机械伤害		Glass玻璃；Edges边缘；Points and metallic wires尖端和金属丝；Parts moving against each other相对运动的部件；Toys intended to bear the mass of a child供承受儿童体重的玩具; Projective toys弹射玩具；Acoustics声响玩具；
Strangulation勒毙		Yoyo ball悠悠球；Cords, chains and electrical cables in toys玩具上的绳索、链及弹性绳；

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How to avoid the defects of small parts
如何避免小零件缺陷

- Understand the standards
  了解标准；

- Design reasonably
  合理设计；

- Select material with discretion
  谨慎选材；

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Source of small parts
小零件的来源

- Small toys

  小玩具

- Toys accessories

  玩具配件

- Detachable small parts of toys

  玩具上可拆卸小部件

- Small parts after normal use and abuse tests

  经合理使用和滥用后产生的小部件

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Tests to simulate generating small parts
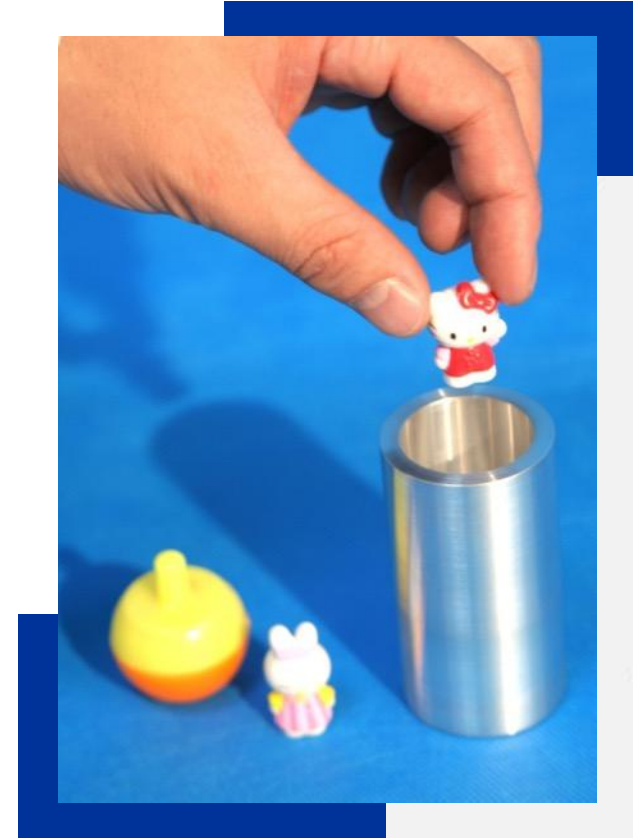# 模拟小零件产生的试验

- Tension test 拉力试验

- Drop test 跌落试验；

- Impact test 冲击试验；

- Compression test 压力试验；

Simple test for small parts
小零件的简单测试

- Sample 挑选样品
- Check 测试前检验
- Testing 开始测试
- Conclusion 结果评定
- Record 结果记录

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Product marking requirements
产品标识清单

- Name and address of the manufacturer, or if the manufacturer is outside of the EU, the name and address of the manufacturer and the importer
制造商的名称和地址；如果制造商在欧盟之外，则要有制造商和进口商的名称和地址

- Type, batch, serial or model number
品类、批次、序列号或型号

- CE mark 玩具的CE标志

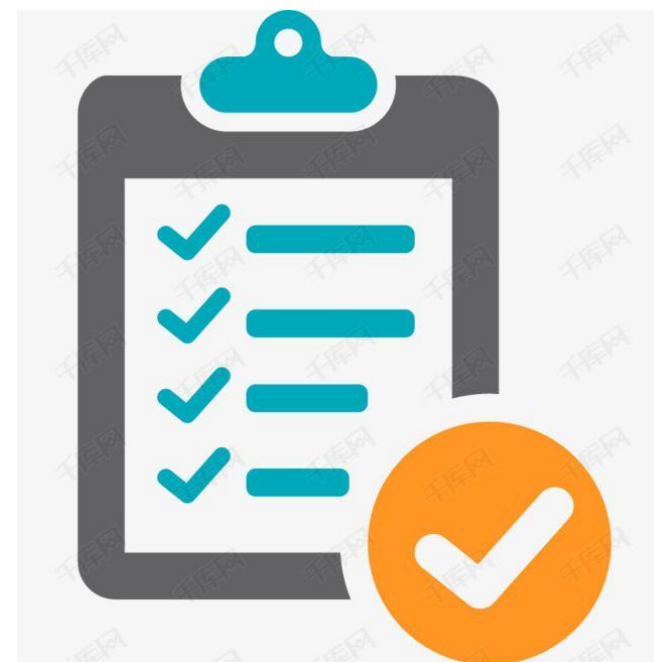- Warnings 警告标识

Test reports
检测报告

Name & address?名称和地址？

Accreditation number?认证编号？

Final material or raw materials?最终材料或原材料？

Relevant tests?相关测试？

What legislation?哪些法规？

Product changes?产品变更？

Sources of information
信息源

- SPEAC website   https://speac-project.eu
  SPEAC项目网站

- Safety Gate   https://ec.europa.eu/safety-gate/#/screen/home
  "安全门"网站

- European Union information (Europa)   https://ec.europa.eu/growth/sectors/toys/safety_en
  欧盟官方网站（Europa）

- CEN   https://www.cencenelec.eu/

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