

EU TOY DIRECTIVE: PARTNER WITH SGS FOR THE CHEMICAL SAFETY ASSESSMENT OF YOUR TOYS



Protect consumers and maintain your reputation by identifying the presence of prohibited and restricted substances in toy products now, and address any issues before manufacture. Toy manufacturers must conduct a safety assessment on all products to meet the requirements of the EU Toy Safety Directive 2009/48/EC. This includes a Chemical Safety Assessment.

DIRECTIVE 2009/48/EC – ARTICLE 18:

Manufacturers shall, before placing a toy on the market, carry out an analysis of the **chemical**, physical, mechanical, electrical, flammability, hygiene and radioactivity hazards that the toy may present and an assessment of the potential exposure to them.

DESIGN DANGER OUT OF YOUR TOYS

Before placing a toy on the market, you need to conduct an analysis of the chemical hazards that it may present and an assessment of the potential exposure to them. At SGS we have developed both a dedicated tool to assist in the preparation of your report and the expertise to complete your Chemical Safety Assessment.

WHO HAS LEGAL RESPONSIBILITY?

Manufacturers are responsible for identifying any potential hazards a toy may present. You must perform a Chemical Safety Assessment of all toy products, either in-house or through a third party like SGS, and compile the data in each product's technical file.

Importers are responsible for ensuring that the technical file is in place before any product reaches the market.

WHAT ARE YOUR BENEFITS?

Evaluate toys at design stage and save money

In a competitive market we can help you to avoid costly mistakes. We recommend that you start product testing and evaluation at the earliest stage of a product's development. A failed assessment after production is a financial disaster, but correcting issues at the design stage is simpler and more expedient.

Design safer toys

On completion of our Chemical Safety Assessment, you will receive a detailed report. You will receive a detailed breakdown of the toy's product classification, as well as compliance with the chemical requirements of the new Toy Safety Directive and REACH. Potential risks identified are explored in greater detail in a product analysis.

Any concerns will be listed and include recommendations for corrective actions. Our toy safety assessment experts can advise you on design improvements to remove and minimise the risk and enhance the protection of the consumer.

With decades of experience in evaluating and testing products, we take a new approach to toy chemical safety and safety assessments. Our experts go beyond simply reviewing legal and voluntary standards, as well as customer specific requirements. We evaluate every toy from the user's perspective. It helps to identify major safety concerns and ensure the toy can be trusted.



HOW SGS CONDUCTS CHEMICAL SAFETY ASSESSMENTS (CSA)?

Deliver well-designed, compliant and safe toys with our EU Toy Safety Directive Chemical Safety Assessment service.

PROCESS	HIGHLIGHTS
Step 1: Identification	To study the toy and to identify the accessibility of materials in the toy. To identify substances and materials and their concentrations from documents provided by the manufacturer such as Bill of Materials (BOM), Bill of Substances (BOS) and Safety Data Sheets (SDSs).
Step 2: Characterisation	Each substance and material identified in stage 1 is reviewed against scope, restriction and prohibition, e.g. 1) Classification of chemicals under CLP Regulation (EC) 1272/2008 (Classification, Labelling and Packaging of Certain Substances and Mixtures) 2) Chemicals restricted or prohibited under TSD, e.g. <ul style="list-style-type: none"> • Migration of soluble heavy metals (19 elements) • CMRs (carcinogenic, mutagenic or reprotoxic substances) • Nitrosamines and nitrosatable substances • Allergenic fragrances 3) Chemicals restricted under REACH, e.g. <ul style="list-style-type: none"> • Restricted substances under ANNEX XVII • SVHCs on Candidate List
Step 3: Assessment	To establish the likelihood of a restricted, prohibited or an undesirable substance in a toy material. To assess exposure by consideration of <ul style="list-style-type: none"> • Intended age of user • Foreseeable, but unintended use • Exposure routes (e.g. dermal, oral or inhalation)

SGS EXPERTISE DELIVERED IN YOUR SAFETY ASSESSMENT REPORT

The result of the CSA should be a statement regarding the safety of the toy in relation to the safety assessment requirements under Article 18 of the Toy Safety Directive. Testing can be based on the assessment and considerations can be given to substances that can reasonably be expected to appear in the toy.

The SGS report will help you compile the data required for the toy technical documentation which must be kept for 10 years after the toy has been placed on the market and must be made available within 30 days upon request to market surveillance authorities for inspection.

SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

WHEN DOES THE CSA NEED TO BE UPDATED?

A Chemical Safety Assessment may need to be updated due to

- Changes to chemicals used in manufacturing
- Availability of new toxicological data for chemicals
- Changes in legal requirements
- Consumer complaints or product withdrawal from market.

WHY CHOOSE SGS?

Armed with extensive experience, our toy experts in the EU and Asia deliver valuable reports and advice to help you comply with the EU Toy Directive's Chemical Safety Assessment.

SGS offers a wide range of services for full compliance with the EU Toy Directive:

- **SGS Review Services:** we can review your technical documentation and either validate its compliance to the EU Toy Safety Directive or report and advise if elements are missing or inappropriate.
- **SGS Testing Services:** we can perform testing according to harmonised standards such as EN 71-1:2011, EN 71-2:2011, EN 71-3:2013, EN 71-4:2013, EN 71-5:2013, EN 71-8:2011, EN 71-12:2013 and EN 62115. SGS offers screening according to the new chemical requirements and to REACH (SVHC).
- **SGS Inspection and Audit Services**

Benefit from our global and local expertise, thanks to our global network of state-of-the-art toy laboratories in more than 20 countries in the EU, China, Asia Pacific and the Americas.

CONTACT US

To learn more about SGS toy services contact your local SGS representative or our global team at consumer.products@sgs.com and visit www.sgs.com/toys.



WHEN YOU NEED TO BE SURE