



Toys & Hardlines

# Services Brochure

Assembling safety and quality  
in all toys and hardgoods



# Hardgoods & Furniture

Hardgoods and furniture are subject to complex and strict quality standards and regulations. Legislation, regulations and standards concerning hardgoods and furniture can vary from market to market and are often subject to change.

We provide an array of hardgoods and furniture testing services to validate the durability, quality and performance of your hardgoods and furniture products, whether they are used for indoor and outdoor areas, or at residential and commercial premises.

## Chemical Testing

It is imperative to assess the chemical risks of furniture and home décor goods properly to address the health and safety risks to consumers.

## Flammability Testing

Most countries require multiple flammability tests for furniture, with the product having to meet a variety of flammability standards to be compliant in order to be marketed.

## Mechanical/Physical Testing

Mechanical testing evaluates and determines potential hazards to the end-user due to mechanical failure.

## Electrical Safety Testing for Furniture

Furniture with electrical or electronic components must be examined and assessed duly to prevent electrical hazards to users such as electric shock and burns.

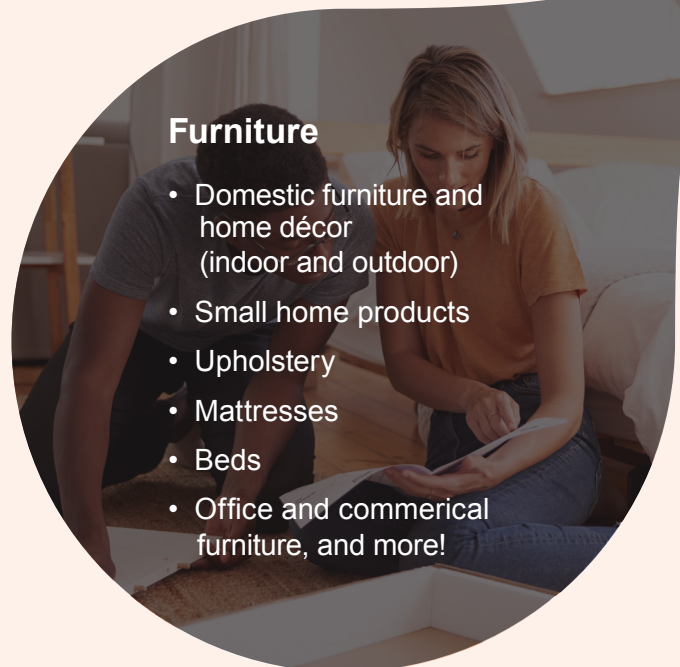
**Our testing services cover a wide range of product categories, including:**

### Hardgoods

- Gardening tools
- DIY tools
- Candles
- Stationery
- Pet accessories
- Sporting goods
- Kitchen utensil and tableware
- Seasonal/festival decorations
- Packaging, and more!

### Furniture

- Domestic furniture and home décor (indoor and outdoor)
- Small home products
- Upholstery
- Mattresses
- Beds
- Office and commercial furniture, and more!



# Food Contact Materials (FCM)

It is important that consumers can trust the items that come into contact with the food they eat, so it is no surprise that there a variety of regulations worldwide governing food contact materials.

When it comes to food contact materials, any item which comes into direct contact with food should be tested to ensure they are safe for food contact and that they do not transfer any of their constituents into the foodstuff beyond what is considered acceptable.

We provide a wide variety of food contact materials testing services for materials including:

- Plastics
- Paper and board packaging
- Metals and alloys packaging
- Glass and ceramics
- Wooden materials
- Printing inks
- Pigments and dyes
- Surface coatings
- Rubber materials

Our service scope includes food contact materials testing to determine compliance with a wide variety of global standards and regulations, including:

- Framework Regulation (EC) No 1935/2004
- Directive 84/500/EEC as amended by Directive 2005/31/EC
- Regulation (EU) No 10/2011
- Commission Regulation (EC) 1895/2005
- California Proposition 65
- U.S. Food and Drug Administration (FDA) 21 CFR
- Germany LFGB Food and Feed Law § 30, 31
- French DGCCRF & French Decree





# Toys and Childcare

To protect our little users, toys and childcare products are definitely some of the most highly regulated industry segments. Major consumer markets have been imposed stringent toy safety regulations to protect consumers and you can rely on our services to ensure compliance.

## Chemical Testing

Chemical hazards in toys and childcare products are among the major concerns of regulators and market surveillance authorities due to the danger these represent to the children and the environment. Our laboratories can handle testing requirements for international regulations, such as EU Toy Safety Directive 2009/48/EC, ASTM F963 for the safety of toys, CPSIA, ISO 8124-3 for migration of certain elements and China GB.

## Flammability

Toys or childcare items and their materials need to be evaluated to reduce any inherent flammability hazard. Costumes and disguise accessories (e.g. masks and wigs) are of particular high concern as fire hazards and special attention is required. For instance, when products are being sold in the EU, such items are regulated under Toy Safety Directive (TSD) 2009/48/EC, and CE Marking is required.

## Electrical & Electronics Safety Testing

Working with our teams at Eurofins Electrical & Electronics, we can help you assess your electrical and electronic toys for standards such as IEC 62115, ANSI/UL 696 and Battery Directive 2006/66/EC.

## Mechanical/Physical Testing

Our mechanical and physical tests of toys and childcare products and their parts help buyers and suppliers to determine if the products are compliant with the different regulations and standards worldwide, such as EU Toy Safety Directive 2009/48/EC, ASTM F963, 16 CFR1500.50–1500.53, ISO 8124-1 for mechanical and physical properties of toys.

## Safety Assessment

A safety assessment aims to identify any potential hazards that a toy may present, and to assess the potential exposure to those hazards. We can evaluate toy products against physical, mechanical, fire, chemical, electrical, hygiene and radioactivity requirements to ensure conformity assessment procedure is duly carried out.

## Compliance Services

With our expertise and know-how of product safety, we offer a range of services to assist you in fulfilling regulatory compliance, from protocol drafting, Technical Compliance File generation, to marking/labelling review.

# End-to-end solutions for the toy and hardgoods industry

Safety and quality of your products is crucial in determining how confident your consumers will be with their purchases and your brands. The Eurofins Toys and Hardlines network of companies is the trusted partner for every practitioner in the toy, childcare, furniture and hardgoods industry looking for quality assurance and control in their products and supply chains.

## Why choose Eurofins



Robust technical expertise on varied product categories and regulations/requirements.



CE Mark Notified Body and UKCA Approval Body for European market.



Global network of 30+ testing laboratories spanning across Asia, Europe and U.S. with strong alignment and management.



International laboratory accreditations and local expertise to support your market access needs.



45+ inspection and audit service locations, closely supporting your sourcing needs.



Innovative mindsets and enthusiastic teams at laboratories, customer service and sales.

# Certification Services

Certain categories of products require certification in order to be sold in particular markets.

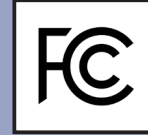
We can deliver varied certification services, including:



CE Marking for toys and other products with Notified Bodies in EU



UKCA Marking with UK Approved Body for Great Britain market



FCC Mark for electronic products manufactured or sold in the US market

## Inspection Services

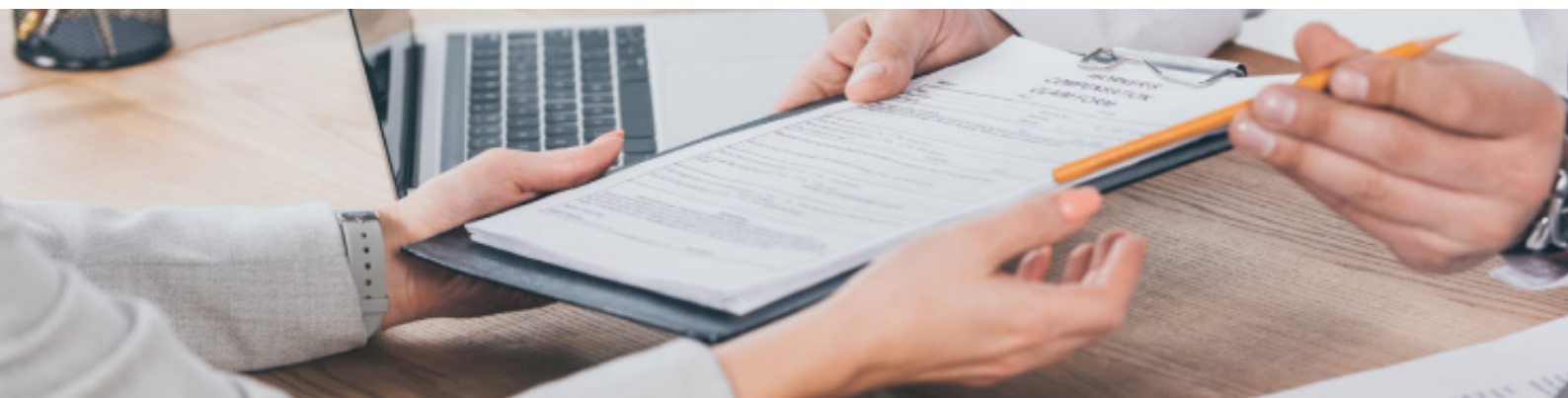
We offer an array of toy inspection services while providing you flexible customisation to meet your specific requirements and your quality control policy.

- Raw materials inspection
- During production inspection/Inline inspection
- Final random inspection/Pre-shipment inspection
- Loading supervision
- Warehouse inspections
- Other related services such as sample picking

## Factory Audit Services

Companies wishing to be transparent and take social compliance, environmental impact, corporate governance and other parameters in their supply chains into account can leverage our factory audit services to gain public trust. This includes:

- Social compliance audits
- Environmental/chemical management audits
- Technical audits
- Security audits



# Sustainability Services



## Chem-ST™

Eurofins Chem-ST™ chemical smart testing is a novel, validated system using state-of-the-art instrumentation and targeted tests to quantitatively measure the presence of hundreds of substances within chemical formulations, materials and products against global hazardous chemical restrictions.

Our Chem-ST™ services identify most hazardous substances before they make it into the production process and aim to significantly reduce unwanted chemicals that may enter the supply chain.

## Durability Testing and Verification Marks

Eurofins Durability Testing enhances a product's lifespan by focusing on quality, ease of maintenance, and reparability, which become an essential aspect of eco-friendly design, facing growing scrutiny from both government regulations and consumer expectations.

Eurofins' technical specialists have developed specific durability testing standards for various textile and clothing items, aiming to achieve substantial reductions in environmental impact through prolonged product longevity.

To support the achievement of testing against these more durable, longer-lasting product specifications, Eurofins has developed two durable testing marks, these are "Durable SILVER" and "Durable GOLD".



## Vegan Verification

Vegan Verification is an innovative programme from Eurofins | Chem-MAP® which risk-assesses the materials and components used in your toy and hardgoods products, as well as providing testing of chemicals and materials, to establish whether any animal or by-products have been used.






The Vegan Verification has been registered with The Vegan Society's Vegan Trademark, and will be awarded to those companies who successfully meet verification criteria for all product components.

## Supply Chain Mapping

Supply chain mapping for your toy, childcare or hardline products is a valuable exercise that provides in-depth information to help your organisation fully understand the traceability of materials used. The clarity gained places your retail or manufacturing business in a position of strength when developing policy, communicating to your customers or when reporting performance.



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