

# Toys and children's products



## Testing mechanical, electrical and chemical product safety

**The requirements for toys, children's products and baby articles are complex and subject to constant change. In line with the trend towards digitalization in our consumer goods industry, the features and design of children's products are constantly evolving.**

The European Toy Safety Directive forms the legal basis for toy safety. Directive 2009/48/EC specifies among other things, how a toy must be designed to prevent hazards such as strangulation, suffocation, hearing damage or fire hazards and to ensure that the toy is safe for children. Our DEKRA experts support you with informative test reports to ensure compliance with all legal requirements for toys and children's products.

### DEKRA's testing services include:

- ▶ Toys, children's and baby articles
- ▶ International chemical safety tests
- ▶ Testing according to customer-specific specifications
- ▶ Tests for your declaration of conformity for CE certification

### Mechanical safety, labeling and flammability:

- ▶ EN 71-1, EN 71-2, EN 71-14

### Additionally for electrical functions:

- ▶ EN 62115, EMC, RED, ROHS

### Chemical safety:

- ▶ EN 71-3 to EN 71-20
- ▶ Annex 17 and SVHC in acc. to REACH Regulation (EC) 1907/2006
- ▶ POP Regulation (EU) 2019/1021
- ▶ Food contact materials (German LFGB)
- ▶ Saliva and sweat resistance (DIN 53160)
- ▶ PAH (AfPS GS 2019:01)
- ▶ PFAS

### Additional standards for mechanics and chemistry:

- ▶ International standards: ISO 8124
- ▶ USA: ASTM F963, 16 CFR 1500 ff, CPSIA (lead, phthalates)
- ▶ Canada: SOR 2011-17
- ▶ China: GB 6675.4 - 2014-05

### Tests for baby articles:

- ▶ EN 1400 (soother)
- ▶ EN 12586 (soother holders)
- ▶ EN 14350 (baby bottles)
- ▶ EN 14372 (cutlery and feeding utensils)

### Additional services you can benefit from

As a central and international DEKRA laboratory service provider, our experts offer an interdisciplinary range of tests covering chemical safety and material quality.

These include environmental and hazardous material analyses, pollutant and emission tests of consumer goods and technical products, tests of operating materials and components, material analyses of plastics and metals, material tests, environmental simulation tests and damage analyses.

Our DIN EN ISO/IEC 17025 accredited laboratories of DEKRA Automobil GmbH in Germany are located in Bretten, Halle, Saarbrücken and Stuttgart.

In addition, we offer a variety of further testing and certification options in our worldwide DEKRA laboratory network.

