



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 45274-2025

**Juvenile products - General technical requirements for sensory
integration training products**

婴童用品 感统训练产品通用技术要求

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed and coordinated by the National Working Group on Standardization of Infant and Child Products (SAC/SWG18). This document was drafted by: Shanghai Quality Supervision and Inspection Technology Research Institute, Guangzhou Customs Technical Center, SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd., Shenzhen Metrology and Quality Inspection Institute, Shanghai Customs Mechanical and Electrical Products Testing Technology Center, Beijing Jinbo Smart Health Technology Co., Ltd. Company, Dimai (Shanghai) Enterprise Management Co., Ltd., Foshan Quality Metrology Supervision and Inspection Center, Shantou Customs Technology Center, Shenzhen Technology University China Consumer Product Quality and Safety Promotion Association, Aofei Entertainment Co., Ltd., Guangzhou Medical Association Vocational Training School, Guangzhou Baiqu Huitong Technology Co., Ltd., Amazon (China) Investment Co., Ltd., Beijing China Light Industry Federation Certification Center Co., Ltd., Zhejiang Toys and Maternity and Baby Products Association, China Toy and Juvenile Products Association. The main drafters of this document are. Song Zijun, Chen Jingru, Li Junqi, Zhang Xiaoning, Shen Xian, Zhang Yating, Chu Mingli, Yao Yingxuan, Chen Wenchao, Tian Jiaming, Huayang Zhang, Mei Wei, Lina Huang, Hongzhong Du, Xuanben Lu, Jianhua Li, Jianjian Wen, Jianwei Lu, Yue Chang, Bo Xu, Zhijie Yin. General technical requirements for sensory training products for infants and children

1 Scope

GB/T 45274-2025 is the Chinese standard for sensory integration training products for children: the swings, balance boards, scooter boards, tunnels, therapy balls and suspended equipment used in occupational therapy and, increasingly, in ordinary childcare and home use. The category grew fast in China and was largely unregulated, which is the reason for the standard: these products suspend or accelerate a child, and the failure modes are falls, entrapment and suspension. The document sets the classification, the general requirements covering materials and their harmlessness, the structural safety requirements including the strength and stability of the supporting structure and the suspension, the requirements on edges, points, gaps, entrapment and cords, the load bearing and fatigue requirements, the labelling and instructions, and the corresponding test methods and inspection rules. For a manufacturer, an importer or a therapy centre buying such equipment in China, this is the text a product is judged against.

This document specifies the technical requirements, labeling and instructions for use of sensory training products for infants and children, and describes the corresponding test methods. This document is suitable for vestibular training, proprioception training, tactile training, auditory integration training, and visual integration training for infants under 12 years old. A comprehensive training product that is a combination of training and several of the above training types. This document does not apply to baby carriages, household swings, slides and similar indoor and outdoor activity toys, trampolines, sports equipment, outdoor sensory training Training products and products for special needs such as medical use and rehabilitation.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 2912.1 Determination of formaldehyde in textiles - Part

3 Terms and definitions

The terms and definitions defined in GB 6675.2 and the following apply to this document.

4 Migration of certain elements

GB/T 17592 Determination of banned azo dyes in textiles

GB/T 18886 Textiles - Tests for colour fastness - Colour fastness to saliva

GB/T 19865 Safety of electric toys

GB/T 22048 Determination of certain phthalate plasticizers in toys and children's products

GB/T 26710 Toy Safety Age Warning Icons

GB/T 29614-2021 Determination of polycyclic aromatic hydrocarbons content in vulcanized rubber

GB/T 34436 Determination of formamide in toy materials - High performance liquid chromatography-mass spectrometry

GB/T 34448 Determination of formaldehyde content in household paper and paper products

GB/T 40182 Guidelines for the determination of plasticized materials in toys and products that can be put into the mouth

GB/T 41413 Determination of migration of N-nitrosamines and their precursors in toys - High performance liquid chromatography-tandem mass spectrometry

GB/T 41649 Determination of formaldehyde release from wooden toys - Flask method

GB/T 43276 Determination of formamide release from toy materials