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

HJ 572-2010

**Technical requirement for enviromental labeling products.
Stationery**

环境标志产品技术要求 文具
(English Translation)

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Foreword

To implement the Environmental Protection Law of the People's Republic of China, reduce the environmental and human health of stationery products during production, use and disposal.

The impact of Kang, the development of this standard.

This standard puts forward some restrictions on the restriction and prohibition of toxic and hazardous substances in some raw materials, packaging materials and products used in the stationery production process.

Requirements, at the same time for the transferable elements of the accessible materials in the product (including parts), total surface coating lead, total cadmium and phthalates, plastics and polycyclic aromatic hydrocarbons in rubber, textiles, leather, decomposable carcinogenic aromatic amine azo dyes, etc., set a limit requirement.

This standard refers to the Japanese environmental labeling standard "Stationery/Office Supplies (1.7 version)" (Stationery/Office Supplies Version 1.7), National Toy Safety Technical Specification (GB 6675-2003), US Consumer Product Safety Improvement Act (CPSIA) and EU Directive.2005/84/EC and other relevant requirements are formulated.

This standard applies to China Environmental Labeling Product Certification.

This standard was formulated by the Science and Technology Standards Department of the Ministry of Environmental Protection.

The main drafting units of this standard. Environmental Development Center of the Ministry of Environmental Protection, Shenzhen Institute of Metrology and Quality Inspection,

Zhejiang Guangbo Group Co., Ltd., Shenzhen Qixin Stationery Co., Ltd., Deli Group Co., Ltd., China Culture and Education Sporting Goods Association, National Stationery Quality Supervision and Inspection Center, Ningbo Songhe Stationery Co., Ltd., Beijing Xueao Stationery Manufacturing Co., Ltd.

This standard was approved by the Ministry of Environmental Protection on May 4, 2010.

This standard has been implemented since July 1, 2010.

This standard is explained by the Ministry of Environmental Protection.

Environmental Labeling Products Technical Requirements Stationery

1 Scope of application

This standard specifies the terms and definitions, basic requirements, technical content and testing methods of stationery environmental labeling products.

This standard applies to stationery and similar products for office, study, etc.

This standard does not apply to Fujian and Taiwan stationery.

2 Normative references

The contents of this standard refer to the terms in the following documents. For undated references, the valid version applies to this standard.

GB 6675-2003 National Toy Safety Technical Specification Limits and determination of 23 harmful aromatic amines in GB 19601 dye products GB 21027-2007 General requirements for the safety of student supplies Plastics -- Determination of density of non-foam plastics -- Part 1 . Dipping method, liquid pycnometer method and titration method Paints and varnishes -- Determination of the content of cadmium - Part 4. Determination of cadmium content Sub-absorption spectroscopy and polarography GB/T 17592-2006 Determination of banned azo dyes for textiles GB/T.19942-2005 Determination of banned azo dyes in leather and fur chemical tests GB/T 22048-2008 Determination of phthalate plasticizers in polyvinyl chloride plastics for toys and children's products GB/T 22788-2008 Determination of total lead content in toy surface coatings HJ/T 201-2005 Environmental Labeling Products Technical Requirements Waterborne Coatings HJ/T 220 Environmental Labeling Product Technical Requirements Adhesive HJ/T 370 Environmental Labeling Product Technical Requirements Offset Printing Ink HJ/T 371 environmental labeling product technical requirements gravure ink and flexo ink SN/T 1877.2-2007 Method for determination of polycyclic aromatic hydrocarbons in plastics and their products SN/T 1877.4-2007 Determination of polycyclic aromatic hydrocarbons in rubber and its products

3 Terms and definitions

The following terms and definitions apply to this standard.

Stationery

It refers to various items for the purpose of office, study, etc. The stationery in this standard mainly includes pencil case, stationery bag, folder and text.

Box, desktop file cabinet, file box, file basket, file holder, word paper, book file, official seal holder, pen holder, pen tray, pen holder, letter insert, letter Clips, letterheads, index labels, binders, combination stationery and similar office supplies, staples, pushpins, pins, paper clips, pencil sharpeners, Pencil sharpener, pencil sharpener, stapler, puncher, stapler, numbering machine, utility knife, art blade, scissors, eraser, ruler, book, Photo album, business card book, correction fluid, correction tape, correction pen, color mud, rubber strip, solid glue, glue, stamp made by vegetable oil, ink, Stationery, ink and water-based stamps, ink, ink and other stationery products.

4 Basic requirements

4.1

Product quality should meet the requirements of the corresponding product quality standards.

4.2

Product safety should comply with the requirements of relevant product safety standards.

4.3

Pollutant emissions from product manufacturing enterprises shall comply with the requirements of national or local pollutant discharge standards.

4.4

Product manufacturers should strengthen clean production in the production process.

5 Technical content

5.1

Environmental performance requirements for materials used in products (including raw materials)

5.1.1 Plastic materials

- (1) The plastic shall not contain the persistent organic pollutants specified in Appendix A;
- (2) Additives containing organotin (TBT) and its compounds shall not be used in plastics;

(3) The content of vinyl chloride monomer in polyvinyl chloride raw materials and products thereof shall not exceed 1 mg/kg;

(4) Enterprises should use recycled plastics in the design and production process.

5.1.2 Adhesive

Adhesives shall comply with the requirements of HJ/T 220.

5.1.3 Ink

(1) It is advisable to use water-based inks;

(2) Offset printing inks shall comply with the requirements of HJ/T 370;

(3) Gravure inks and flexo inks shall comply with the requirements of HJ/T 371.

5.1.4 Dyes

The dye should meet the requirements of GB 19601.

5.1.5 Paper

(1) Enterprises should use recycled paper in the design and production process;

(2) The whiteness of the paper used by students in this book should be no more than 85%.
The whiteness of paper in general office should not exceed 90%.

5.2 Environmental performance requirements for products (including components)

5.2.1

The substances listed in Table 1 shall not be artificially added to the product.

Table 1 Prohibition of artificial addition of substances in products

Type of substance

Benzene, toluene, ethylbenzene, xylene Glycol ether and its esters, ethylene glycol methyl ether, ethylene glycol methyl ether acetate, ethylene glycol ethyl ether, ethylene glycol ethyl ether acetate, diethylene glycol butyl ether acetate Phthalate dioctyl phthalate (DOP), dibutyl phthalate (DBP), di(2-ethylhexyl) phthalate (DEHP) Halogenated hydrocarbons methylene chloride, dichloroethane, chloroform, trichloroethane, carbon tetrachloride

5.2.2

The limit of harmful substances in the product should meet the requirements of Table 2.

Table 2 Limits of hazardous substances in products