

ICS 13.020.50

CCS K 04



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

GB/T 26668-2024

Material declaration of electronic and electrical products

电子电气产品材料声明

(English Translation)

Issued on: August 23, 2024

Implemented on: August 23, 2024

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

Table of Contents

Preface
Introduction
1 Scope
2 Normative references
3 Terms and Definitions
4 Material Declaration Requirements
Appendix A (Informative) Data Exchange Format
Appendix B (Informative) IEC 62474 database data format and data exchange
Appendix C (informative) Criteria and thresholds for DS, DSG and material categories in the IEC 62474 database
Appendix D (Informative) Criteria for exceptions/exemptions in the IEC 62474 database
Appendix E (Informative) IEC 62474 Database Maintenance
Reference

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.

This document replaces GB/Z 26668-2011 "Material Declaration for Electrical and Electronic Products". Compared with GB/Z 26668-2011, except for the structural adjustment in addition to the integration and editorial changes, the main technical changes are as follows.

- a) The general requirements for material declaration have been changed (see 4.1, 4.1 of the 2011 edition);
- b) Added commercial information (see 4.2);
- c) Added product information (see 4.3);
- d) Changed "basic requirements" to "conformity declaration requirements" and added specific declaration rules (see 4.4, 4.2 of the 2011 edition);
- e) Changed "additional requirements" to "ingredient declaration requirements" and added specific declaration rules (see 4.5, 4.3 of the 2011 edition);
- f) Change "Data Format and Data Exchange" to an informative appendix (see Appendix B,

Chapter 5 of the 2011 edition);

g) Adjust "Data exchange and format" to informative additional information (see Appendix A, Appendix A of the 2011 edition).

Introduction

Material declarations are often used by the electrical and electronics industry to trace and declare specific product material information to meet certain regulatory requirements.

In order to improve economic efficiency and simplify the information transfer process of the entire supply chain, this document proposes that products, components and the data exchange requirements of parts, materials and substances are standardized, the terms of agreements between enterprises are standardized, and the transmission and processing of data are promoted, which is beneficial to the electronic and electrical industry.

develop.

The main purpose of this document is to provide reference data for upstream and downstream of the supply chain.

--- It is convenient for enterprises to evaluate whether their products meet the requirements of the restriction of hazardous substances;

---It is convenient for enterprises to use these data for environmental awareness design;

--- Make it easier for recycling companies to handle waste electronic and electrical products.

This document does not prescribe methods or processes for obtaining material declaration data in the supply chain.

Based on this, companies have the flexibility to determine the most appropriate method to obtain material declaration data.

Material Declaration for Electrical and Electronic Products

1 Scope

This document specifies the procedure, content and format of material declarations for electrical and electronic products.

This document applies to material declarations for electronic and electrical products and their accessories. Chemical substances and emissions generated during product use and packaging it is not within the scope of this document.

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.

IEC 62474 Database Material declaration database for products in or for the electrical industry

3 Terms and Definitions

The following terms and definitions apply to this document.

Article

An object that is given a particular shape, appearance or design during the production process, which determines its function more than its chemical composition.

A quantitative declaration of the substances contained in a product, component or material.

data exchange formatdataexchangeformat Data elements and attributes specified in an Extensible Markup Language (XML) schema and developer forms to support the exchange of material declarations.

Declaration of whether it contains "declarable substances" and "declarable substance groups".

Note: Declarable substances and declarable substance groups have been included in the list of declarable substances in IEC 62474, with declaration thresholds corresponding to given declaration situations.

Declarable substance; DS Substances that meet the reporting criteria.

Groups of substances that meet the reporting criteria.

Note: For example, chromium (VI) compounds.

One or more substances in DSG.