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**Basic information description of food contact materials and
articles for purchase and sale**

食品接触材料及制品购销基本信息描述

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Table of Contents

Foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Description requirements	5
Bibliography.....	20

Basic information description of food contact materials and articles for purchase and sale

1 Scope

This document specifies terms and definitions, description requirements for basic information description of food contact materials and articles.

This document applies to information collection, publication, exchange, storage and management on food contact materials and articles intended for direct consumer end-use.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 2659, *Codes for the representation of names of countries and regions*

GB/T 7408, *Data elements and interchange formats - Information interchange - Representation of dates and times*

GB/T 17295, *Codes for units of measure used in international trade*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 food contact materials and articles

Under normal conditions of use, various materials and articles that have been or are expected to come into contact with food or food additives, or whose components may be transferred to food.

NOTE: Include packaging materials, containers, tools and equipment used for food during the production, processing, packaging, transportation, storage, sale and use of food, as well as inks, adhesives, lubricants that may come into direct or indirect contact with food. Detergents, sanitizers and public water distribution facilities are not included.

3.2 data item

The smallest indivisible unit of data.

3.3 data entity

A set of data items that describe the same characteristics of the data.

4 Description requirements

4.1 Description content

It shall include information on the organization of food contact materials and articles, general information and the content required for the construction of the information platform.

4.2 Description attributes

The following ten attributes shall be used when describing data entities and data items of food contact materials and articles:

a) Chinese name

Chinese names of data entities and data items for food contact materials and articles shall be given.

b) English name

English names of data entities and data items for food contact materials and articles shall be given.

c) Mark

Food contact materials and articles shall be given unique marks for data entities and data items. The naming rules for marks are as follows:

- 1) Marks shall not include spaces, dashes, underscores, or delimiters;
- 2) Specific naming methods shall be used for the marks for data entities and data items, such as Lower Camel Case (LCC) spelling;
- 3) If the English name itself has an abbreviation, the abbreviated name can be used directly.

d) Explanation

The meaning of the food contact material and article data entities and data items shall be explained.

e) Data type and format

h) Restrictions/conditions

Indicate whether a data entity or data item is mandatory or optional. The specifiers are:

- 1) M: Mandatory, indicating that the data item is required;
- 2) C: Conditionally mandatory, indicating that the data item must be selected under certain conditions. It must be selected when the conditions defined in the restrictions/conditions are met. The specific conditions are explained in the remarks;
- 3) O: Optional, indicating that the data item is optional.

NOTE: "M" is the abbreviation of "Mandatory", which means mandatory. "C" is the abbreviation of "Conditional", which means conditional selection. "O" is the abbreviation of "Optional", which means optional.

i) Measurement unit

Conventional definition and adoption of a specific quantity used to express the magnitude of the same quantity with which it is compared. For some quantities of the same dimension, even if they are not of the same kind, their units may have the same names and symbols. For different objects, the unit of measurement is also different. Specifically, it shall comply with the relevant provisions of GB/T 17295.

j) Remark

Supplementary descriptions of data entities and data items for food contact materials and articles may be provided as needed.

4.3 Description method

The dictionary description method can be used to describe 10 properties: Chinese name, English name, mark, description, data type and format, value range, synonym, restrictions/conditions, measurement unit and remark for data entity and data item of each food contact material and article.

4.4 Basic information summary description

4.4.1 Data entity

4.4.1.1 Organization information

English name: Organization Information

Mark: organizationInformation

Description: Information about organizations involved in the production and operation of food contact materials and articles

Data type and format: C..ul

Restrictions/conditions: M

4.4.1.2 General information

English name: General Information

Mark: generalInformation

Description: Information common in the product information description of food contact materials and articles

Data type and format: C..ul

Restrictions/conditions: M

4.4.2 Organization information

4.4.2.1 Producer

English name: Producer

Mark: producer

Description: The legal and valid organization name of the producer of food contact materials and articles

Data type and format: C..100

Restrictions/conditions: M

4.4.2.2 Business dealer

English name: Business Dealer

Mark: businessDealer

Description: Organization name of the agent, importer or distributor of imported food contact materials and articles

Data type and format: C..100

Restrictions/conditions: C

Remark: When describing imported food contact materials and articles, this data item is mandatory.

Mark: telephone

Description: Contact phone number of the organization that produces or distributes food contact materials and articles

Data type and format: C..20

Restrictions/conditions: C

Remark: One must be selected from 4.4.2.6, 4.4.2.7 and 4.4.2.8.

4.4.2.7 Fax

English name: Fax

Mark: fax

Description: Facsimile telephone number of the organization that produces or distributes food contact materials and articles

Data type and format: C..20

Restrictions/conditions: C

Remark: One must be selected from 4.4.2.6, 4.4.2.7 and 4.4.2.8.

4.4.2.8 E-mail

English name: E-mail

Mark: e-mail

Description: E-mail address of the organization producing or distributing food contact materials and articles

Data type and format: C..100

Restrictions/conditions: C

Synonyms: email, e-mail, mailbox

Remark: One must be selected from 4.4.2.6, 4.4.2.7 and 4.4.2.8.

4.4.2.9 Country region

English name: Country Region

Mark: countryRegion

Description: Name of the country or region where the production organization of

imported food contact materials and articles is located

Data type and format: C..100

Restrictions/conditions: C

Remark: When describing imported food contact materials and products, one must be selected from 4.4.2.9 and 4.4.2.10.

4.4.2.10 Country region code

English name: Country Region Code

Mark: countryRegionCode

Description: Name code of the country or region where the production organization of imported food contact materials and articles is located

Data type and format: C..20

Restrictions/conditions: C

Value range: Fill in according to the code in GB/T 2659

Remark: When describing imported food contact materials and articles, one must be selected from 4.4.2.8 and 4.4.2.9.

4.4.2.11 Unified social credit code

English name: Unified Social Credit Code

Mark: unifiedSocialCreditCode

Description: Identification code of the producer of food contact materials and articles

Data type and format: C18

Restrictions/conditions: M

Remark: It is not applicable to imported food contact materials and articles.

4.4.3 General information

4.4.3.1 Classification

English name: Classification

Mark: classification

Description: The category of food contact materials and articles

Value range: Binary file

Restrictions/conditions: O

4.4.3.6 Trademark

English name: Trademark

Mark: trademark

Description: The registered trademark used

Data type and format: BY

Value range: Binary file

Restrictions/conditions: O

Synonyms: Trademark logo, registered trademark

4.4.3.7 Brand

English name: Brand

Mark: brand

Description: The brand owned by the product

Data type and format: C..100

Restrictions/conditions: O

4.4.3.8 Unit price

English name: Unit Price

Mark: unitPrice

Description: Unit price of food contact materials and articles sold

Data type and format: N..8,2

Value range: Positive real numbers

Restrictions/conditions: M

4.4.3.9 Manufacture date

English name: Manufacture Date

Mark: manufactureDate

Description: Date when the food contact materials and articles form the final sales unit

Data type and format: YYYYMMDD

Value range: Adopt the date representation in GB/T 7408

Restrictions/conditions: M

4.4.3.10 Subpackage date

English name: Subpackage Date

Mark: subpackageDate

Description: Date of repacking of food contact materials and articles

Data type and format: YYYYMMDD

Value range: Adopt the date representation in GB/T 7408

Restrictions/conditions: O

4.4.3.11 Expiration Date

English name: Expiration Date

Mark: expirationDate

Description: The period for which food contact materials and articles maintain quality

Data type and format: C..50

Restrictions/conditions: O

4.4.3.12 Production license number

English name: Production License Number

Mark: productionLicenseNumber

Description: Obtained production license number of food contact materials and articles

Data type and format: C14

Restrictions/conditions: C

Remark: It is not applicable to imported food contact materials and articles.

4.4.3.13 Product standard code

English name: Product Standard Code

Mark: microorganismIndex

Description: Microbiological requirements for food contact materials and articles

Data type and format: C..ul

Restrictions/conditions: O

4.4.3.18 Inspection

English name: Inspection

Mark: inspection

Description: Whether food contact materials and articles have been inspected

Data type and format: B

Value range: yes/no, on/off, true/false

Restrictions/conditions: O

4.4.3.19 Inspection report

English name: Inspection Report

Mark: inspectionReport

Description: Certification documents for the inspection of food contact materials and articles

Data type and format: BY

Value range: Binary file

Restrictions/conditions: O

4.4.3.20 Certification

English name: Certification

Mark: certification

Description: Whether food contact materials and articles have obtained relevant certification

Data type and format: B

Value range: yes/no, on/off, true/false

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