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

GB/T 15341-2023

Replacing GB/T 15341-2012

Talc

滑石

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting: This document replaces GB/T 15341-2012 "Talc": Compared with GB/T 15341-2012, except for structural adjustments and editorial changes In addition, the main technical changes are as follows:

- a) Added the terms and definitions of "talc for pharmaceutical use" and "talc for food use" (see Chapter 3);
- b) Changes in classification and labeling (see Chapter 4, Chapter 4 of the:2012 edition);
- c) Added the requirement of "block size (particle size)" (see 5:1:3);
- d) Changed the physical and chemical property requirements for talc blocks for cosmetics (see 5:2:1,:2012 version of 5:2:1);
- e) Changed the physical and chemical property requirements for industrial raw material talc (see 5:2:2,:2012 version of 5:2:2);
- f) Added physical and chemical property requirements for pharmaceutical talc blocks (see 5:2:3);
- g) Added physical and chemical property requirements for talc blocks for food use (see 5:2:4);
- h) Added test methods for lead (Pb) and arsenic (As) (see 6:5 and 6:6);
- i) Type inspection conditions have been changed (see 7:1:2,:2012 version of 7:1:2);
- j) Changed the "inspection classification and inspection items" (see Table 5, Table 3 of the:2012 version);
- k) Changed the content of "logo" (see 8:1,:2012 version of 8:1): Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents: This document is proposed by China Building Materials Federation: This document is under the jurisdiction of the National

Technical Committee on Standardization of Non-Metallic Mineral Products and Products (SAC/TC406): This document was drafted by: Guilin Guiguang Talc Development Co., Ltd., Xianyang Non-metallic Mineral Research and Design Institute Co., Ltd., Guangxi Longsheng Huamei Talc Development Co., Ltd., Hangzhou Jiuwei New Material Technology Co., Ltd., Henan Second Geological and Mineral Research Institute Co., Ltd., Guangxi Longguang Hua Stone Development Co., Ltd., China Building Materials Industry Geological Exploration Center Jiangxi Corps, Nanchang Institute of Technology, Shangrao Juweixing Technology Co., Ltd. Company, Suzhou Sinoma Non-Metallic Minerals Industrial Design and Research Institute Co., Ltd., China Building Materials Industrial Geological Exploration Center, Jiangsu Provincial Hospital of Traditional Chinese Medicine: The main drafters of this document: Zhang Honglin, Chen Xiangbo, Chen Junyuan, Zhao Chengjian, Wang Zigang, Chen Jiujiu, Lai Yinbing, Li Chun, Ying Zhong, Huang Yibin, Yu Yanghui, Zheng Yue, Lu Wei, Tong Yun, Liu Jiaca, Nie Shuilong, Ye Xiaojun, Pan Wei, Zheng Changwen, Hou Caihong, Tan Yong: This document was first published in:1994, revised for the first time in:2012, and this is the second revision: talc

1 Scope

GB/T 15341-2023 is the Chinese national standard on talc, in the field of mining and minerals. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 28 December 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2024. Classification: ICS 73.080, CCS Q64. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document stipulates the classification and labeling, technical requirements, test methods, inspection rules, marking, transportation and storage of talc products: This document applies to the production and inspection of naturally produced block (granular) talc products: This document does not apply to talc block products, such as talc pens, talc slabs, talc bricks, talc engravings and other specifications:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 191 Packaging, storage and transportation pictorial mark GB/T 2007:

7 General Particle Size Determination Method for Sampling and Preparation of Bulk Mineral Products - Manual Screening Method

GB/T 2010 Bulk talc sampling and preparation methods GB 5009:

75 National Food Safety Standard Determination of Lead in Food Additives GB 5009:

76 National Food Safety Standard Determination of Arsenic in Food Additives

GB/T 5950 Method for measuring whiteness of building materials and non-metallic mineral products

GB/T 15343 Chemical analysis method of talc

GB/T 23263 Determination of asbestos content in products

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 A hydrous layered magnesium silicate mineral:

Note: Soft, chemically inert, and greasy: The theoretical chemical formula is $Mg_3(Si_4O_{10})(OH)_2$ or $3MgO \cdot 4SiO_2 \cdot H_2O$: 3:

2 Large talc, medium talc and small talc used for processing and producing talc powder for cosmetics:

Note: The code is HZ: 3:

3 Talc raw ore or raw ore is hand-selected (or screened) and classified as various talc blocks and other industrial uses other than cosmetics, medicine, and food: A general term for talc particles and talc fragments:

Note: The code is GY: 3:

4 Used for processing large talc, medium talc and small talc for the production of pharmaceutical talc powder:

Note: The code is YY: