

ICS 25.220.20

CCS A29



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

GB/T 11372-2025

Rust prevention terminology

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Issued on: October 31, 2025

Implemented on: May 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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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 11372-1989 "Temporal Terminology for Rust Prevention". Compared with GB/T 11372-1989, the main differences are structural adjustments and editorial changes. Aside from the changes, the main technical changes are as follows:

- a) The terms "corrosion," "dew point," and "condensation" have been added (see 3.1.2, 3.1.14, and 3.1.15);
- b) Added rust prevention pretreatment terminology (see 3.2);
- c) The terms "electrostatic spraying rust-preventive oil," "degreasing agent," and "metal cleaning agent" have been added (see 3.3.18, 3.3.48, and 3.3.49);
- d) The terms "neutral salt spray test", "acetic acid salt spray test", and "copper-accelerated acetic acid salt spray test" have been added (see 3.5.7,

3.5.8 and 3.5.9). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the China Machinery Industry Federation. This document is under the jurisdiction of the National Technical Committee on Standardization of Metallic and Non-metallic Coatings (SAC/TC57). This document was drafted by: Wuhan Materials Protection Research Institute Co., Ltd., China Academy of Machinery Science and Technology Group Corporation, and Telunte Biotechnology Co., Ltd. Company, Nanning Bureau of China Southern Power Grid Co., Ltd. Ultra-High Voltage Transmission Company, Suzhou Fugong New Material Technology Co., Ltd., Zhejiang Lvhu Lubrication Technology

Co., Ltd., Nanjing Kerun Industrial Media Co., Ltd., Qidong Synthetic Chemical Plant Co., Ltd., China Petroleum & Chemical Corporation Lubricating Oil Co., Ltd. Shanghai Research Institute, Shenyang Rust-proof Packaging Materials Co., Ltd., Zhejiang Shengjie United Co., Ltd., and China Power Construction Wuhan Tower Co., Ltd. Company. Nantong Chuangyuan Electrochemical Technology Co., Ltd. The main drafters of this document are. Yi Juan, Xu Jing, Chen Jisheng, Cai Yi, Qu Xiaocai, Li Xiaoshuan, Yu Wei, Huang Haipeng, Li Weizhe, and Xu Liman. An Tongyan, Luo Yongxiu, Wang Cuilian, Wang Jiyang, Wu Zhengqian, Wu Jun, Ge Xiaorong, Qu Xiaotian, Zou Xiangdan, Shen Yu, Ou Hanying. This document was first published in 1989, and this is its first revision. Rust prevention terminology

1 Scope

GB/T 11372-2025 is the Chinese national standard on rust prevention terminology, in the field of manufacturing engineering. 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 31 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2026. Classification: ICS 25.220.20, CCS A29. 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 defines the specialized terms and their definitions commonly used in the field of rust prevention for metal products in scientific research and production. This document applies to research, manufacturing, writing of related technical documents, and technical exchanges in the field of temporary rust prevention for metal products.

2 Normative references

This document has no normative references.

3.1 General Terminology

3.1.1 rust Corrosion products, mainly iron hydroxides and oxides, are produced by metals in the atmosphere due to corrosion.

3.1.2 corrosion The phenomenon of metal deteriorating due to chemical or electrochemical corrosion by substances in its surrounding environment.

3.1.3 Rust prevention Techniques or measures to prevent metal products from rusting during processing, storage, and transportation.

3.1.4 Materials used to prevent metal products from rusting during processing, storage, and

transportation.

Note. This material needs to be removed when the product is put into use.

3.1.5 Rust prevention treatment for metal products during processing, transportation, inspection, storage, assembly, and other processes.

3.1.6 Rust prevention for metal products during processing and storage.

3.1.7 Oil seal rust prevention slushing Applying rust-preventive grease is a rust-preventive treatment for metal products.

3.1.8 The application or use of appropriate protective methods and packaging materials to prevent rust on metal products.