

ICS 83.180
CCS G 39



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

GB/T 44543-2024

Epoxy adhesive for precast concrete segmental construction

预制混凝土节段拼装用环氧胶粘剂

Issued on: September 29, 2024

Implemented on: April 1, 2025

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

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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 is required.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Petroleum and Chemical Industry Federation.

This document is under the jurisdiction of the National Technical Committee for Standardization of Adhesives (SAC/TC 185).

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Co., Ltd., China Railway Construction Investment Group Co., Ltd., China Railway Fifth Survey and Design Institute Group Co., Ltd., Nanjing Tianlixin Technology Industry Co., Ltd., Jinan North Taihe New Materials Co., Ltd., Jiangsu CRRC City City Development Co., Ltd., Nanjing Haituo Composite Materials Co., Ltd., Huiyu (Taicang) Building Anchor Co., Ltd., Sino-German Xinya Building Materials Materials Co., Ltd., Anhui Zhongyan Jianke Building Materials Co., Ltd., Hangzhou Zhijiang Organic Silicon Chemical Co., Ltd., China University of Petroleum (Beijing), China Railway 16th Bureau Group Third Engineering Co., Ltd., China Railway 19th Bureau Group Sixth Engineering Co., Ltd., Fujian Product Quality Inspection Co., Ltd.

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Epoxy adhesive for precast concrete segment assembly

1 Scope

This document specifies the classification and marking, technical requirements, test methods, inspection rules, Labeling, packaging, transportation and storage.

This document applies to epoxy adhesives (referred to as splicing adhesives) used for assembling precast concrete segments in projects such as bridges, wind power, and underground structures.

production, inspection and use.

2 Normative references

GB/T 1034

GB/T 2567

GB/T 2793

GB/T 7123.1-2015

GB/T 7124

GB/T 7750

GB/T 13477.6

GB/T 20878

GB 30982

GB 33372

GB/T 40396

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Segment

Assembled structural units prefabricated in the factory or on site.

3.2 Assembling

The construction process of connecting or fixing prefabricated segments to form a whole.
Note. Also called splicing.

3.3 Epoxy adhesive

Adhesive composed of epoxy resin, curing agent, accelerator, modifier, diluent, filler, etc.

3.4 Pot life

After the adhesive is mixed, place it in the container to reach the specified operating temperature.