

WANSHIELD®EM010

Epoxy Low-Temperature

Curing Accelerator

Product Description

WANSHIELD®EM010 Epoxy Low-Temperature Curing Accelerator is a universal Lewis base catalyst for epoxy resin systems.

Product Characteristics

It can serve as a catalyst for curing agents such as polyamides, amide amines, amine adducts, and liquid polysulfides. Used in conjunction with epoxy resin curing agents, it accelerates the curing speed of epoxy resins and enhances the strength of cured products.

Recommended Uses

Widely used in industrial coatings, casting, flooring, concrete protection, and adhesive applications.

Technical Specifications

Physical Parameters

Appearance	Amber liquid
Viscosity	100-300mp.s
Specific Gravity	0.98±0.02
Recommended Resin Dosage per 100g	1-15
Recommended Accelerator Dosage	0.5-5

The values provided herein represent typical test results; actual data may vary slightly depending on environmental conditions. For our company's products, the listed data is not legally binding.

Application Guidance

Application Conditions

Coating environment temperature range: 5 – 35°C

Coating environment humidity range: 30 – 85%

Application Method

Add according to usage conditions; the amount required should be adjusted based on ambient temperature and curing speed requirements.

Ventilation conditions

Store in a cool, dry place away from sources of fire, strong acids, strong alkalis, and strong oxidizing agents.

Packaging and Storage

Packaging

Single-component, 20kg per drum.

Storage

During transportation, protect against rain and sunlight to prevent packaging damage and moisture absorption. Store in a cool, dry place away from fire sources, strong acids, strong alkalis, and strong oxidizing agents.

Shelf Life

1 year

Safety Measures

Warning

Avoid inhaling dust/fumes/gases/mists/vapors/sprays. Wash hands thoroughly after handling. Do not eat, drink, or smoke while using this product. Do not remove contaminated work clothing from the workplace.

Do not discharge into the environment. Wear protective gloves, protective clothing, and safety glasses. If you feel unwell, call a poison control center or seek medical attention.

If on skin (or hair): Immediately remove all contaminated clothing. Rinse with running water for 15-20 minutes. If skin irritation or rash occurs, seek medical attention. Wash contaminated clothing before reuse.

If inhaled: Move victim to fresh air. Rest and maintain a position that facilitates breathing.

If in eyes: Rinse cautiously with water for several minutes. If wearing contact lenses and they can be easily removed, do so. Continue rinsing.

Statement

The information listed in this document is reliable. Each value provided is calculated as theoretical data based on the product formulation. Upon request, our company can disclose the internal standard measurement methods used to determine any of the above data. Since usage conditions are beyond the manufacturer's control, this information is provided without warranty. The product is intended for professional use only. For any inquiries, please contact our company.

Our Technical Support and Customer Service Center is available to provide consultation and application technical services regarding the product. We welcome your inquiries via mail or phone. National Customer Service Hotline: 400-059-1116 ext. 3.