



Shanghai King Chemical Co.,Ltd

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TECHNICAL DATA SHEET ®

Epoxy resin WXDIC 4051

WXDIC 4051 is A medium molecular weight bisphenol A type solid epoxy resin, which is synthesized by the reaction of liquid epoxy resin and bisphenol A.

Introduction

WXDIC 4051 epoxy resin is A medium molecular weight bisphenol A type solid epoxy resin, can be used for polyamine, polyamide as curing agent of room temperature curing coatings, two-component baking coatings and powder coatings. Its curing film has excellent water resistance, drug resistance and adhesion, and is widely used in ships, Bridges, coastal buildings, pipelines, storage tank lining and other anticorrosive fields.

Typical applications

This product is mainly suitable for the following occasions:

- General anticorrosion coatings
- The laminate
- Drying of the lacquer that bake
- Composite materials
- Powder coating
- Can use coating

Typical Features

project	The numerical
appearance	Solid, no mechanical impurities
Colour and lustre (Gardner)	2 the following (1)
Epoxy equivalent (g/mol)	880-980.
Softening point (°C)	93-101.
Viscosity at 25°C (Gardner)	Q-T

(1) 40% diethylene glycol butyl ether solution

Packaging and storage

WXDIC 4051 solid epoxy resin is available in 25 kg paper bags. This epoxy should be stored in its original sealed packaging and in a cool, dry place. Storage should be far away from high temperature fire, avoid sunlight. Under the above conditions, the epoxy resin shall maintain its chemical properties for a period of at least 12 months from the date of manufacture.

Safety and disposal

The product shall be processed, used and disposed in accordance with the relevant safety



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and health laws and regulations of the country and the region. For detailed information on the safety of this product, please refer to the CORRESPONDING MSDS report of this product.

contact

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statement

The above information is based on reliable data. However, the specific application occasions and application conditions are not within our control. The curing formula and curing performance are for reference only. Customers can confirm their own formula and achieve physical property data according to their own needs.

This product should be used with caution and in accordance with the laws of the relevant region or country. It is not recommended to use on critical components of medical equipment in direct contact with the human body for extended periods of time.