



# Shanghai King Chemical Co.,Ltd

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NO.2337 GuDai Road, Minhang District, Shanghai, China

## TECHNICAL DATA SHEET ®

### 0194 epoxy resin

0194 epoxy resin is A medium molecular weight bisphenol A type of solid epoxy resin produced by the reaction of liquid epoxy resin and bisphenol A.

#### Introduction

0194 solid epoxy resin is A bisphenol A solid epoxy resin of medium molecular weight, which can be used as curing agent of polyamine, polyamide, dihydrodiamine at room temperature curing coating, two-component baking coating and powder coating. Its curing film has excellent water resistance, drug resistance and adhesion, so it is very suitable for use as anti-corrosion coating for ships, Bridges, coastal buildings, pipelines and storage tank lining.

#### Typical applications

This product is mainly suitable for the following occasions:

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

#### Typical Features

project	The numerical
appearance	Solid, no mechanical impurities
Colour and lustre (Gardner)	1 the following (1)
Epoxy equivalent (g/mol)	720-850.
Softening point (°C)	90-102.
Hydrolyzed chlorine (%)	0.2 the following
Volatile (%), 150°C/40min	0.5 the following

(1) 40% diethylene glycol butyl ether solution

#### Packaging and storage

0194 solid epoxy resin is available in 25 kg kraft 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.