



## HE4231

### Product Data Sheet

HE4231 is a novolac epoxy acrylate resin containing 55% TMPTA.

#### Characteristics

HE4231 is a phenolic epoxy acrylate resin containing 55% TMPTA. It has the characteristics of fast curing speed, excellent chemical resistance and good heat resistance, and is mainly used for solder mask ink and screen printing ink.

#### Delivery form

containing 55% TMPTA;

#### Product parameters

Functional base (theoretical): 3-4

Viscosity (25°C, NDJ rotational viscometer): 5000-9000mPa.s

Color number(Gardner):  $\leq 1$

Acid value:  $\leq 3$  mgKOH/g

Appearance: colorless or yellowish clear liquid

#### Principal properties

High hardness;

Good chemical resistance;

Good heat resistance;

High gloss;

Fast curing speed.

#### Applications

Solder mask ink and screen printing ink.

#### Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature no more than 30°C. Exposure to direct sunlight should be avoided.

#### Shelf life

Under above mentioned storage condition, the shelf life of the resin will be 120 days after production.

For more than 120 days, the goods are still owned by ZOHO Company, the company's QC can make the corresponding extension of the shelf life after testing qualified.

#### Material safety

This product data sheet only applies to the latest version of Material Safety Data Sheet. Any updates to safety-related information that are consistent with legal requirements will only be reflected in the safety data sheet, at the same time the Sheet will be updated and published. Information on current classification and labelling, application and process methods, and more safety-related data can be found in the latest Material Safety Data Sheet.