

Catacure KB

Catalyst

GENERAL INFORMATION

Catacure KB is a curing catalyst used in butylated melamine baking paint.

CHEMICAL & PHYSICAL PROPERTIES

Composition	acidic polymer
Appearance	colourless to yellow clear liquid
Non-volatile content	66 - 70 %
Solvent	n-butyl acetate / cyclohexanone / isobutanol
Specific gravity	ca. 1.1
Acid value	90 - 110 mg KOH / g
Refractive index	1.484 - 1.494 (25 °C)

These are typical properties not to be used for specification purposes.

APPLICATIONS

- Alkyd / butylated melamine
- Acrylic / butylated melamine

KEY PROPERTIES

- When using **Catacure KB**, same paint film property is achieved by either lowering baking temperature at same baking time, or reducing baking time at same baking temperature. It therefore saves operation cost and speeds up production rate.
- Demonstrates catalytic function when baking temperature is higher than 70 °C.
- Due to its polymeric composition, **Catacure KB** will not migrate, which is often found with conventional sulfonic acid, from paint film.
- Baking paint containing Catacure KB shows good storage stability without causing gelling.

INCORPORATION

The reactivity of each alkyd (acrylic) resin and amino resin combination is different, please check optimum dosage according to baking conditions.

LEVELS OF USE

1 - 3 % of **Catacure KB** based on total formulation.

HEALTH AND SAFETY

As it contains solvents, the product requires special care in handling.

Avoid any eye and skin contact.

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 0 °C to 40 °C.

SHELF LIFE

Catacure KB has a shelf life of 18 months from date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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V01 Feb. 2018

North America

Elementis
469 Old Trenton Road
East Windsor
NJ 08512, USA
Tel.: +1 609 443 2500
Fax: +1 609 443 2422

Europe

Elementis UK Ltd.
c/o Elementis GmbH
Stolberger Strasse 370
50933 Cologne, Germany
Tel.: +49 221 2923 2066
Fax: +49 221 2923 2011

Asia

Deuchem (Shanghai) Chemical Co., Ltd.
99, Lianyang Road
Songjiang Industrial Zone
Shanghai, China 201613
Tel.: +86 21 5774 0348
Fax: +86 21 5774 3563