

## Catacure KC Catalyst

### DESCRIPTION

Catacure KC is a blocked curing catalyst used in baking paints especially for fully alkylated melamines which need strong catalyst. It can either lower baking temperature or shorten baking time.

### TYPICAL PROPERTIES

These values are used as reference. For detailed product specifications, please contact our distributor or sales department.

Composition	: amine salt of p-toluene sulfonic acid
Appearance	: colorless to slight yellow or slight brown liquid
Non-volatile content	: 23 - 25%
Solvent	: propylene glycol monomethyl ether/ propylene glycol
Specific gravity	: ca. 0.96
Refractive index	: 1.436 - 1.446 (25°C)

### FEATURES

- In general, baking paint based on fully alkylated melamine formaldehyde resin, needs higher baking temperature to ensure fully crosslinking. If lower temperature is expected or limited, a strong acid catalyst is required to promote reactions. **Catacure KC** is an additive used for this purpose.
- When added in baking paint, **Catacure KC**, compared to unblocked P-TSA, shows better storage stability, lower viscosity, less gelation tendency.
- **Catacure KC** exhibits lower deblocking temperature (130 - 150°C), i.e., lower baking temperature compared to other amine salts of P-TSA.
- **Catacure KC** shows better over-baking yellowing resistance than other amine salt.

### APPLICATIONS

- solvent based and aqueous acrylic / HMMM
- polyester / HMMM baking paints

### DOSAGE & USE

- 1 - 4% based on total formulation. The reactivity of each backbone and amino resin combination is different, please check optimum dosage according to baking conditions.
- Before used need test coating's stability.

### PACKAGE

Net Weight: 200 kg / 25 kg

### STORAGE

- Keep away from sources of ignition and heat.
- Keep container tightly closed in a dry and well-ventilated place.
- Stored between 0°C and 40°C (use it when temperature goes back to 25°C).
- Packaging not to be exposed directly under heat radiation.

### SAFETY

- As it contains a solvent, the product requires special care in handling.
- Avoid any eye and skin contact.
- For further information please check MSDS.

The data presented is the result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made.