

## Borchi® Kat 0243

Tin-free catalyst for solvent-based two-component polyurethane coatings

### Physical Characteristics

Metal content	Bi, Li
Non-volatile content	60 - 75 % ISO 3251 (2g, 3 h, 105 °C)
Viscosity	Max. 1000 mPa·s ISO 3219 (A) (20 °C)
Specific gravity	NA
Density	0.98 - 1.02 g/cm <sup>3</sup> DIN 51757 (20 °C)

### Features

- Replacement for other polyurethane catalysts, especially for tertiary amines and DBTL
- Accelerates the chemical reaction between the alcohol and isocyanate component of polyurethane coating systems, thus allowing optimum steering of the drying properties
- Ensures fast blocking stability
- Reduced yellowing
- Higher film hardness

### Applications

- Solvent-based two-component polyurethane clearcoats
  - Automotive refinish

### Dosage

Our experience has shown the recommended addition rate of Borchi® Kat 0243 to be between 0.02 and 0.06 % product, calculated on solid binder. The exact amount depends on the used binder and should be determined by means of preliminary trials. Borchi® Kat 0243 can be added as supplied or solved in any suitable solvent (e.g. 10 % in xylene) to the polyol component of the coating system. The solution has to be homogenized by stirring. Borchi® Kat 0243 is also soluble in polar solvents and solvents of medium polarity. However, these solutions are only stable for a limited period of time.

### Storage

Protect from the effects of weathering and store at temperatures below 50 °C. Once opened, containers should be resealed immediately after each removal of the product.

### Safety

Please refer to our safety data sheet for information relating to product safety.

[www.borchers.com/contact](http://www.borchers.com/contact)

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at [www.milliken.com/terms](http://www.milliken.com/terms) (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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