



Highly reactive tin-free catalyst for one- and two-component polyurethane systems and RTV silicones

Characteristic Data

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|----------------------|---------------------------------|--------------------------|
| Metal content | Bi: 15.80 - 16.20 % | Bi, ISO 4619 |
| Non-volatile content | 50.0 - 60.0 % | ISO 3251 (2g, 3h, 105°C) |
| Viscosity | Max. 2500 mPa.s | 20°C, ISO 3219 |
| Density | 1.080 - 1.120 g/cm ³ | 20°C, DIN 51757 |

Properties

- Accelerates solvent-based or solvent-free one- and two-component polyurethane systems and stoving enamels based on blocked isocyanates
- Ensures fast blocking stability of polyurethane coatings
- Provides increased film hardness, earlier solvent resistance and allows earlier sanding of the applied coating
- Ecologically safe replacement for other polyurethane catalysts, especially for amines and tin-based products like DBTL
- Can be used as a tin replacement

Applications

- Coatings
 - o Automotive refinish
 - o General industrial
 - o Coil

Dosage

The recommended addition rate of **Borchi® Kat 315 EU** in polyurethane coatings is according to our experience between 0.01 and 0.03% product, calculated on solid binder. The exact amount depends on the used binder and should be determined by means of preliminary trials.

The optimal addition rate of **Borchi® Kat 315 EU** in PU foams and RTV silicone resins is depending on the reactive components and should as well be determined by means of preliminary trials.

Borchi® Kat 315 EU can be added either in the supply form or diluted (e.g. in butyl acetate) to the polyol component of the coating System. **Borchi® Kat 315 EU** should not be diluted below 10% of the supply form, since those solutions are only stable for a limited period of time.



Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °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.

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