

Borchi® Kat 315 EU

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

Physical Characteristics

Metal content	15.80 - 16.20 % Bi, ISO 4619
Non-volatile content	50.0 - 60.0 % ISO 3251 (2g, 3h00, 105°C)
Viscosity	Max. 2500 mPa.s 20°C, ISO 3219
Density (20°C)	1.080 - 1.120 g/cm ³ 20°C, DIN 51757

Features

- 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
- Replacement for other polyurethane catalysts, especially for amines and tin-based products like DBTL

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.

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 (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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