

Borchi® Kat 21

Highly reactive tin-free catalyst for one- and two-component polyurethane coatings

Physical Characteristics

Metal content	Bi: 20,00 - 22,00 % ISO 4619
Non-volatile content	NA
Viscosity	NA
Specific gravity	NA
Density	1.145 - 1.205 g/cm ³ ISO 2811-1 (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
- Higher film hardness
- Earlier sanding of the coating

Applications

- One- and two-component polyurethane clearcoats and pigmented coating systems
 - Automotive Refinish
 - General Industrial
 - Coil

Dosage

Our experience has shown the recommended addition rate of Borchi® Kat 21 to be between 0.01 and 0.03 %, calculated on resin solid. The exact amount depends on the used resin and should be determined by means of preliminary trials. Borchi® Kat 21 can be added either in the supply form or diluted in any suitable solvent (e.g. butyl acetate) to the polyol component of the coating system. Borchi® Kat 21 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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