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A MILLIKEN BRAND

Borchi® Kat 0244

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

Physical Characteristics

Metal content	Bi, Zn
Non-volatile content	NA
Viscosity	Max. 8000 mPa·s ISO 3219 (A) (20 °C)
Specific gravity	NA
Density	1.19 - 1.25 g/cm³ 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 0244 to be 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. Borchi® Kat 0244 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 0244 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.

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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