

Borchi® Kat EP1

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

Physical Characteristics

Metal content	Zn: 14.50 - 15.00 % M001, ASTM D2613
Non-volatile content	>= 80.00 % D1644
Viscosity	64.0 - 130.0 cSt Cannon Fenske @ 100 °C
Specific gravity	1.055 - 1.166 D1963 (25 °C)
Density	NA

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
- Improved solvent resistance
- Higher film hardness
- Earlier sanding of the coating

Applications

- Solvent-based 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 EP1 to be between 0.01 and 0.04 % product, calculated on total solid binder. The exact amount depends on the used binder and should be determined by means of preliminary trials. Borchi® Kat EP1 can be added either in the supply form or diluted in any suitable solvent (e.g. butyl acetate, xylene, methoxypropylacetate) to the polyol component of the coating system. The solution has to be homogenized by stirring.

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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