

Borchi® Kat 28

Catalyst for one- and two-component polyurethane coatings and «one-shot» polyurethane foams

Physical Characteristics

Metal content	Sn: 28.0 - 29.3 % DIN 51008-2
Non-volatile content	NA
Viscosity	NA
Specific gravity	NA
Density	1.23 - 1.27 g/cm ³ DIN 51757 (20 °C)

Features

- Stabilized tin octoate with a metal content of approx. 28 % by weight, soluble in most organic solvent
- Accelerates the reaction between the polyol and isocyanate component of polyurethane foam systems
- Ensures fast blocking stability
- Earlier solvent resistance and sanding capability
- Higher film hardness
- Enables control of the foaming characteristics resulting in more homogeneous foam with improved resistance to heat and oxidational degradation

Applications

- Solvent-based one- and two-component polyurethane coating systems and heat-cured coatings
 - Automotive Refinish
 - General Industrial
 - Coil

Dosage

For polyurethane coating systems, an addition rate of Borchi® Kat 28 between 0.01 and 0.03 % product, calculated on solid binder is recommended, depending on the used binder and formulation. The exact amount has to be determined in preliminary trials. Borchi® Kat 28 can be added to the polyol component of the coating system either in the supply form or diluted in a suitable solvent. Dissolved in organic solvents, Borchi® Kat 28 is only stable for a limited period of time. In polyurethane foam systems the recommended addition rate of Borchi® Kat 28 is between 0.05 and 0.20 % by wt. calculated on the total formulation depending on the kind of application. It must be determined in preliminary trials.

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. After opening the drums, a short-time consumption of Borchi® Kat 28 is advisable. Although maximum stability is ensured by special product stabilization, the active tin content might be reduced if Borchi® Kat 28 is exposed to air or stored unsealed or in drums with low filling level.

Safety

Please refer to our safety data sheet for information relating to product safety.

811 Sharon Drive / Westlake, OH 44145 / Telephone: +1 800-321-9696 / 440-899-2950 / Fax: +1 440-808-7114 / Internet: www.borchers.com / E-Mail: info.us@borchers.com

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.