

Borchi® RapidDry

Cobalt-free, metal-based catalyst which demonstrates excellent drying performance and other added benefits when used with common drier systems

Physical Characteristics

Iron	160-200 ppm (ICP)
Appearance	Clear yellow liquid (ISO 4619)
Viscosity	<200 mPa.s
Density	Approx. 1.04 g/cm ³ (informative) DIN 51757 (20 °C)
Solvent	1,2-propylene glycol

Features

- Improved drying activity, color performance, gloss and haze compared to cobalt-based driers
- Designed to be used with current drier systems (cobalt, zirconium, calcium) to significantly improve dry time at an economical cost
- Based on a unique, patented, highly active iron complex
- Primarily recommended for the use in solvent-based systems
- Can be used in all coatings which dry by oxidation

Applications

- Coatings with resins that dry by oxidation
 - Alkyds
 - Vegetable oils
 - Epoxy esters
 - Polybutadiene
 - Others

Dosage

Borchi® RapidDry can be used in combination with the standard metal carboxylate drier package as a performance booster. It can also be used to replace secondary driers such as Zirconium and in certain systems to allow the reduction of oxidative driers such as Cobalt or Manganese. All resin systems are unique and will require the level of Borchi® RapidDry to be optimized for the best cost and dry. We recommend using a ladder study starting at 0.5 % of Borchi® RapidDry as supplied on resin solids with a maximum of 3 %. Please keep in mind that too much Borchi® RapidDry might inhibit through dry. Borchi® RapidDry should be added as one of the last ingredients before the Anti-Skinning agent.

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.

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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.