

Borchers® Dry 4012 aqua US

Zirconium drier for water- and solvent-based systems; APEO-free

Physical Characteristics

Appearance	Light yellow liquid
Metal content	Zr: 11.80 - 12.20 %
Non-volatile content	80.00 % (NVM D1644)
Color	Gardner 8 (ASTM D 1544)
Specific gravity	1.010 - 1.070 (25°C, D1963)
Weight per gallon	8.41 - 9.41 (lb/gallon)

Features

- Highly efficient secondary drier
- Promotes through-drying properties and is used in combination with cobalt, manganese, Borchers® OXY-Coat and other surface driers
- Improves through dry in oxidatively cured coatings primarily by the formation of coordinative bonds when hydroxyl and carboxyl groups are present
- In comparison to other secondary driers, zirconium has better properties in terms of color, yellowing and stability

Applications

- Oxidatively cured water- and solvent-based systems, including:
 - o Architectural paints
 - o Industrial coatings
 - o Stains

Dosage

In conventional alkyd formulations, the Zirconium drier addition is between 0.05 - 0.30 % metal based on the vehicle solids of the coating and will vary depending upon the composition of the binder.

Storage

Protect from the effects of weathering and store at temperatures below 50 °C. Once opened, containers should be resealed immediately after each use.

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.