AQUABOND
Chemistry for Tomorrow

Ammonium Zirconium Carbonate

ZirCan™ ZAC30

Technical Data Sheet

Product Identification

- Product Name: ZirCan™ ZAC30
- Chemical Name: Zirconium Acetate
- Synonyms: Zirconyl Acetate, ZAC, ZAA
- CAS Number: 7585-20-8
- Formula: $Zr(CH_3CO_2)_n$
- Appearance: Colourless liquid

Product Description

ZirCan™ ZAC30 Zirconium Acetate is a clear acidic aqueous solution with 30% ZrO_2 content.

ZirCan™ ZAC30 is a reactive crosslinker, catalyst, adhesion promoter, and an agent that imparts water repellency for multiple materials and applications (paper, paperboard, textiles, coatings, paints, inks).

Product Properties

- ZrO_2 + HfO_2*: 30.0 – 31.0 %
- (HfO_2 accounts for ~2% of total)
- Density: 1.30 – 1.40 g/mL (25 °C)
- pH: 3.0 – 4.0

Applications

- Water repellent agent for paper and textiles
- Adhesion promoter in waterborne inks
- Crosslinker for polymers and gels
- Catalyst for curing resins
- Component of metal pre-treatment products for corrosion protection
- Refractory binder for manufacturing of materials with high thermal resistance

Packaging:

- Tight-heads, 25 kg
- Drums, 300 kg
- Totes, 1500 kg
- Bulk Tanker

Storage and Handling:

Keep container tightly closed at ambient temperature (10 °C – 25 °C), protect from freezing.

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.

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Aqua Bond Inc. 440 Passmore Avenue, Toronto, Ontario, Canada M1V 5J8
Phone: 416-754-7211 **www.aquabond.ca** **info@aquabond.ca**