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ReactiveSolutions

DATASHEET • 107

# Zinc Zirconium Ammonium Carbonate

CAS NUMBER: 68309-95-5, 38714-47-5, 1314-13-2, 1336-21-6

SYNONYMS: ZZA

## Appearance and General Characteristics

ZZA is a clear, alkaline, aqueous solution, providing a complementary mixture of both active zinc and zirconium components. Zirconium and zinc have both traditionally been used as crosslinkers, but both have a distinct action of crosslinking. This product allows the synergistic combination of crosslinking properties to be greater than the sum of the two individually. ZZA has been formulated for use in a wide variety of water-based inks, adhesives and coatings applications.

## Product Benefits

- Enhanced water resistance
- Heat resistance
- Adhesion promotion

## Applications

1. Additive for water-based inks, adhesives, paints, overprint varnishes, etc.
2. Strength additive for alkaline-sized paper
3. Component of textile, leather and paper water-repellent and UV protective formulations
4. Antimicrobial treatments for textiles and timber
5. Coagulant for manufacturing synthetic leather-cloth and non-woven materials
6. Crosslinker for polyvinyl alcohol

## Available Packaging

- Plastic/metal pails
- Plastic/metal drums
- Plastic IBCs/totes
- Bulk quantities available upon request

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