



CASE Market Products

Products	Applications
	Inks (waterbased, polyamide, cellulose acetate propionate, nitrocellulose, acrylic, urethane, isocyanate)
Zirconium Propionate	Adhesion promoter for solvent-based inks
Zinc Zirconium Ammonium Carbonate	Additive for water-based inks, adhesives, paints, overprint varnishes, etc.
Bacote® & Zirmel™ Series	Component of water-based inks, overprint varnishes and adhesives
Zirconium Oxynitrate	Agent for the precipitation of acid dyestuffs in pigment reduction
Zirconium Acetate	Adhesion promoter in water-based printing inks
Zirconium Orthosulfate	Used in titanium dioxide pigment manufacture (reduces photo-chemical activity of the titania)
Zirconium Oxychloride	Zirconium source for specialty pigments
	Paints
Bacote® & Zirmel™ Series	Component of water-based inks, overprint varnishes, paints and adhesives
Zinc Zirconium Ammonium Carbonate	Additive for water-based inks, adhesives, paints, overprint varnishes, etc.
Zirconium Oxynitrate	Agent for the precipitation of acid dyestuffs in pigment reduction
Zirconium Orthosulfate	Used in titanium dioxide pigment manufacture (reduces photo-chemical activity of the titania) Improves gloss retention and reflective properties in oil and water-based paints
Zirconium Oxychloride	Zirconium source for specialty pigments
	Adhesives (acrylics, polyvinyl acetate, polyvinyl alcohol, starch, cellulose)
Zinc Zirconium Ammonium Carbonate	Additive for water-based inks, adhesives, paints, overprint varnishes, etc.
Zirconium Oxynitrate	Crosslinker for adhesives, textiles and antiperspirants
Zirconium Orthosulfate	Used in titanium dioxide pigment manufacture (reduces photo-chemical activity of the titania) Insolubilizer for water-based binders in wood adhesives
Zirconium Oxychloride	Zirconium source for specialty pigments
	Coatings
Bacote® & Zirmel™ Series	Binder insolubilizer for paper and board coatings, also used in fiberglass wall coverings
Zirconium Oxynitrate	Agent for the precipitation of acid dyestuffs in pigment reduction
Zirconium Orthosulfate	Used in titanium dioxide pigment manufacture (reduces photo-chemical activity of the titania) Improves gloss retention and reflective properties in oil and water-based paints
Zirconium Oxychloride	Zirconium source for specialty pigments
	Emulsions and Resins
Zirconium Oxynitrate	Anti-slip agent and catalyst in silicone emulsion/resin water repellent systems
Zirconium Orthosulfate	Crosslinker for aqueous polymer emulsion systems

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