

## TECHNICAL DATA SHEET

# RHEOCOAT™ 93

Thickener and water retention agent for paper & board coating

### TYPICAL CHARACTERISTICS

Nature	<b>Acrylic copolymer in aqueous dispersion</b>
Appearance	<b>White liquid</b>
Solid Content (%)	<b>30</b>
pH	<b>5</b>
Brookfield viscosity (mPa.s)	<b>150</b>
Specific gravity	<b>1.06</b>

### DESCRIPTION

Rheocoat™ 93 helps to keep your process under control. Rheocoat™ 93 is a synthetic rheology modifier allowing a better control of the coating process and an improved paper and board qualities. Rheocoat™ 93 is a pre-neutralized emulsion, ready to use and easy to mix into the coating colors. Rheocoat™ 93 provides good water retention with an outstanding thickening effect.

### RECOMMENDED ADDITION LEVEL

0.05 to 0.4 parts d/d

### STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- Bulk

### HANDLING & STORAGE

The product can be irreversibly altered by frost. It should be protected from the effects of weathering and stored between 5 and 40°C and protected from direct sun exposure.

All pipes and tanks shall be in stainless steel or any corrosion resistant material. The product is a concentrated dispersion. To prevent the formation of a dried film it is strongly advised to avoid prolonged contact to air in the system, storage and valves.

In these conditions, this product should be used within 6 months from delivery.

### PROCESSING INSTRUCTIONS

Shall be introduced at the end of the coating color preparation after the pigments and the binders and prior to the pH adjustment with a diluted caustic soda.

### HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

### MARKETS

#### Pulp & Paper

- Coating
  - Paper Coating
- Board Coating
  - Board Coating
  - Rigid Packaging Cardboard
- Paper Coating
  - Paper Coating

### KEY BENEFITS

- Precoat
- Topcoat
- Contribution to brookfield viscosity
- Anti-clogging

No  
Yes



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