

# THIXATROL® 5020W

## Additive for Metallic pigment orientation in Water-Borne Systems

### GENERAL INFORMATION

**THIXATROL 5020W** is a modified EVA emulsion for enhancing the rheological effectivity and metallic pigment orientation in coating film. It prevents the sedimentation of heavy pigments like metallic flakes and pearlescent pigments while paint preparation or operations stage and further storage. It is suitable for majority metallic paint for waterborne systems.

### CHEMICAL & PHYSICAL PROPERTIES

Composition	modified EVA emulsion
Appearance	off-white opaque liquid
Nonvolatile	18 - 22 %
Brookfield Viscosity	< 500 cps
pH	4.5 - 6.0
Specific Gravity	ca. 1.0
Solvent	water

These are typical properties not to be used for specification purposes.

### APPLICATIONS

- Automobile, industrial, plastic, wood & furniture and leather coatings.

### KEY PROPERTIES

- Excellent thickening and rheology behavior
- Enhance metallic paint orientation in paint finishes
- Good anti-settling and improved sagging performance
- Composition is water based without co-solvent

### INCORPORATION

Easy incorporation under suitable shearing, no need to create a pregel / predilution before adding to the metallic paste.

**THIXATROL 5020W** might reduce the pH level slightly. In order to achieve optimum performance, it is recommended to adjust the paint base system to pH level of 9.0- 9.5 before incorporating **THIXATROL 5020W**.

**THIXATROL 5020W** exhibits a certain level of thickening when using the recommended pH range. Synergies of a stronger thixotropic behavior can be obtained in combination with RHEOLATE 150 or relevant additives.

### LEVELS OF USE

Typical use levels of **THIXATROL 5020W** are 5 % to 10 % on total system weight.

Please run a ladder study to determine the most suitable dosage before use.

Adequate incorporation by mixing is necessary to achieve the optimum performance.

### HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

### STORAGE RECOMMENDATIONS

**THIXATROL 5020W** should be stored in the range of 4 - 40°C.

Due to the waterborne nature it's recommended to store adequately and prevent that material stays open for longer time to prevent a microbiological attack.

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## SHELF LIFE

THIXATROL 5020W has a shelf life of 18 months from date of manufacture.

## QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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