

## Anti-sag and Anti-settling Thixotropic Agent for Solvent Based Coatings

## GENERAL INFORMATION

THIXATROL P200X is a predispersed polyamide wax designed to provide excellent thixotropy, anti-sag and anti-settling properties. It is suitable for use under less than optimum dispersion conditions and as a post addable thixotropic rheological additive that is useful in a wide range of solvents.

## PHYSICAL PROPERTIES

Composition	Polyamide wax
Form	Paste
Density	0.87 g/cm <sup>3</sup>
Non-volatiles	20 %
Flash Point	57 °F (14 °C)
Solvent	Xylene, Alcohol

## APPLICATIONS

THIXATROL P200X provides improved structure development and superior additive efficiency in the following systems:

- Industrial Maintenance Coatings
- Refinish Topcoats and Primers
- Marine and Aerospace and heavy duty coatings
- Protective Coatings
- Wood coatings

## KEY PROPERTIES

**THIXATROL P200X rheological additive**

- Provides sag control without impairing flow and leveling
- Predispersed paste form allows for easy post addition
- Wide temperature range of incorporation – well suited for Cowles and other HSD's
- Especially effective in metallic, pearl, zinc, and anti-corrosive pigments set
- Controls pigment settling
- Improves package stability
- Non-reactive

## INCORPORATION

THIXATROL P200X should be added following the dispersion phase of the process with the remaining letdown ingredients or as a post add for viscosity correction. Best incorporation will be achieved with a Cowles type blade in the letdown tank.

**Recommend incorporation temperature**

THIXATROL P200X needs only minimum heat (>86 °F/30 °C) to (100 °F/38 °C) aid in the ease of incorporation for complete activation and dispersion. While some coatings systems are manufactured at elevated temperatures, to avoid any negative effects on THIXATROL P200X efficiency, a maximum temperature of <150 °F (65 °C) is suggested. Exposure to excessive temperature (>160 °F 70 °C) can lead to lower efficiency levels.

**Post addition notes**

THIXATROL P200X will give maximum results when added to a finished system following temperature guidelines with dispersion accomplished using Cowles or High Speed blades. High-speed dispersers such Cowles blade mixers are ideal for incorporating this product. (1,000-2,500 RPM for 15 minutes at 30-38°C mixing conditions should be adequate to disperse the product.

## LEVELS OF USE

Typical addition levels range from 1.0 – 3.0% by weight of the total formulation. Loading levels will be determined by the required viscosity, application and composition of the system. A loading ladder is always recommended to optimize levels and performance.

## HANDLING AND SAFETY

More detailed information on handling and safety for each product is included in the relevant material safety data sheet, available for each product.

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## REGULATORY

For the most current regulatory status, please refer to the MSDS for THIXATROL P200X. It may be viewed and downloaded from our website at:

[www.elementis-specialties.com](http://www.elementis-specialties.com)

## STORAGE RECOMMENDATIONS

THIXATROL P200X should be kept in a cool, dry location. Storage above 40 °F (4 °C) is recommended.

## PACKAGING

THIXATROL P200X rheological additive is available in pails. Please contact your local Elementis Specialties representative for the packaging weights available in your region.

## SHELF LIFE

THIXATROL P200X has a shelf life of 2 (two) years from date of manufacture.

## PRODUCT NUMBER

12107

## 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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