

M-P-A[®] 60-X

Antisettling Additive for Solvent-Borne Systems

GENERAL INFORMATION

M-P-A 60-X is a highly efficient antisettling and sag-control additive supplied as a soft paste dispersed in xylene.

CHEMICAL & PHYSICAL PROPERTIES

Composition	organic compound
Color / Form	translucent white, soft paste
Density	0.87 g/cm ³
Solvent	xylene
Non-volatile content	24 %
Flash point (closed cup)	25 °C (77 °F)

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

APPLICATIONS

- Antisettling additive for all solvent-borne systems, best used in industrial finishes containing aromatic solvents. It is also an effective sag-control additive for high-polarity systems and coatings containing high levels of pigment dispersion media.
- The optimum addition level for **M-P-A 60-X** antisettling additive will vary according to the type of formulation. A typical suggested starting level is 0.5 -1.0 % by weight as supplied.

KEY PROPERTIES

- Provides excellent pigment suspension without affecting apparent viscosity
- Suspends pigments in systems diluted to spraying viscosity
- Improves control of sag and run-off with satisfactory levelling
- Prevents caking in dip tanks, spray spots and storage containers
- Helps to control stringiness and cobwebbing, occasionally encountered in spraying

- Retards flow in the baking cycle
- Enhances pigment wetting and assists colour development
- Supports viscosity stability in storage
- Is particularly well suited for high-speed dispersion equipment
- Provides sag control in high-polarity systems, epoxy primers and where high concentrations of dispersants/surfactants are present

INCORPORATION

High shear, heat and time are required for proper use of **M-P-A 60-X** antisettling additive. It should be added at the beginning of the paint dispersion process, preferably by pre-mixing in the solvent/binder blend for about 5 minutes. Other components are then added and high shear is applied to obtain proper dispersion.

For full activation of **M-P-A 60-X** antisettling agent a minimum temperature of 43 °C (110 °F) in aromatic and higher polarity systems is required for maximum efficiency.

M-P-A 60-X antisettling additive can be used in combination with other RHEOX rheological additives such as BENTONE organoclays or THIXATROL thixotropes. Further details on incorporation are given in the Elementis Specialties Rheology Handbook.

LEVELS OF USE

The optimum addition level for **M-P-A 60-X** antisettling additive will vary according to the type of formulation. A typical suggested starting level is 0.5 - 1.0 % by weight as supplied.

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.

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STORAGE RECOMMENDATIONS

Store in a cool, dry location.

Store above 40 °F (4 °C).

Keep partially used container well sealed to prevent solvent loss.

SHELF LIFE

M-P-A 60-X has a shelf life of 2 (two) years from date of manufacture.

QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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