

Anti-Settling Additive for Solvent-Borne Systems

GENERAL INFORMATION

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

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)

APPLICATIONS

Anti-settling 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 anti-settling 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

M-P-A 60 X anti-settling additive

- 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 anti-settling 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 anti-settling 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 anti-settling 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 anti-settling additive will vary according to the type of formulation. A typical suggested starting level is 0.5%-1.0% by weight as supplied.

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.

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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STORAGE RECOMMENDATIONS

Store in a cool, dry location.

Store above 40 °F (4 °C).

Keep partially used container well sealed to prevent solvent loss.

PACKAGING

M-P-A 60 X additive is available in open head pails and drums. Please contact your local Elementis Specialties representative for the specific packaging and packaging weights available in your region.

SHELF LIFE

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

PRODUCT NUMBER

10868

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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