

## M-P-A<sup>®</sup> 60 MS

### Antisettling Additive for Aliphatic Solvent-Borne Systems

#### GENERAL INFORMATION

**M-P-A 60 MS** is a highly efficient organic anti-settling agent and sag control additive supplied as a soft paste dispersed in mineral spirit.

#### CHEMICAL & PHYSICAL PROPERTIES

Composition	proprietary organic compound
Color / Form	off-white, opaque, soft paste
Density	0.8 g/cm
Solvent	mineral spirits with less than 1 %
Non-volatile content	24 %

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

#### APPLICATIONS

- Anti-settling agent and sag control additive for use in a wide range of decorative paints, industrial coatings and other solvent-borne systems containing aliphatic solvents.
- **M-P-A 60 MS** is especially suited for formulations containing a high level of pigment dispersion media and to complement the use of thickening additives that may have poor suspension characteristics.

#### KEY PROPERTIES

- Less than 1 % aromatic
- Provides excellent suspension properties, even in low viscosity systems
- Has negligible effect on apparent viscosity
- Improves sag control but maintains good levelling
- Supports viscosity stability in storage
- Has cost-effective low levels of addition
- Compatible and non-interactive with other components
- Has no upper limit to incorporation temperature
  - minimum activation temperature 60°C
- Retards flow in baking cycle
- Easy to disperse, using high-speed disperser, pearl mill or other high-shear equipment

#### INCORPORATION

High shear, heat and time are required for proper use of **M-P-A 60 MS** 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 during 15-30 minutes to obtain proper dispersion. For full activation of **M-P-A 60 MS** anti-settling agent a minimum temperature of at least 63°C (145 °F) in aliphatic systems is required for maximum efficiency.

**M-P-A 60 MS** anti-settling additive can be used in combination with other rheological additives such as BENTONE organoclays or THIXATROL thixotropes. They must be thoroughly dispersed and, where necessary, activated with a chemical activator prior to the addition of **M-P-A 60 MS**.

#### LEVELS OF USE

The optimum level of **M-P-A 60 MS** will depend on the system in which it is used and may lie between 0.8 % and 2.0 % by weight.

#### 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

Store in a cool, dry location.

Store above 40 °F (4 °C).

Keep partially used container well sealed to prevent solvent loss.

*continued...*

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### SHELF LIFE

**M-P-A 60 MS** has a shelf life of 2 (two) years 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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