

## M-P-A<sup>®</sup> 20X

### Rheological Additive

#### GENERAL INFORMATION

**M-P-A 20X** is a translucent soft paste rheological additive which prevents pigment settling in solvent based coatings. It is especially designed to prevent settling in non-aqueous systems with no significant increase in viscosity.

#### CHEMICAL & PHYSICAL PROPERTIES

Composition	complex polyolefin compound
Appearance	translucent yellow soft paste
Non-volatile content	19 - 21 %
Solvent	xylene
Specific gravity	ca. 0.87 (20 °C)
Solubility	soluble in aliphatic and aromatic hydrocarbon solvent when heated
Flash point	ca. 30 °C

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

#### APPLICATIONS

- oil and oil modified alkyd resin paints
- acrylic paints
- zinc rich primer
- red lead paints
- chlorinated rubber paints
- epoxy paints
- lacquer paints
- polyurethane and acrylic urethane paints
- metallic and pearl pigment systems

#### KEY PROPERTIES

- **M-P-A 20X** is used in almost all solvent based coatings
- The main function is the prevention of hard settling
- Provides excellent anti-settling properties without increasing apparent viscosity at normal usage (low viscosity increase type)
- Works as an anti-silking agent
- Does not exhibit any trouble such as viscosity increase and seeding
- Prevents pigment agglomeration, settling and hard caking
- Easily dispersed and does not affect gloss
- Overcomes sag in certain formulation

#### INCORPORATION

**M-P-A 20X** should be added to the mill base stage.

Can be carried out 30 - 50 °C. no special care for the temperature adjustment to take effect.

For maximum efficiency in industrial coating, the temperature should exceed 45 °C.

Sand mill, ball mill, three roll mill etc. are proper dispersing equipment.

#### LEVELS OF USE

0.5 - 2.0 % based on the total formulation (by weight).

Especially high specific gravity pigments may require much higher level of dosage.

*continued...*

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### HEALTH AND SAFETY

As it contains solvents, the product requires special care in handling.

Avoid any eye and skin contact.

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

Should be stored in cool dry place.

Keep container tightly closed after used.

Stored away from direct sunlight and other sources of heat.

### SHELF LIFE

**M-P-A 20X** has a shelf life of 2 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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