ELEMENTIS
A global specialty chemicals company

Enhanced Performance Through Applied Innovation

M-P-A® 24X

Rheological Additive

GENERAL INFORMATION

M-P-A 24X is a translucent paste thixotropic rheological additive for solvent based coatings. It prevents pigment settling and gives good suspension. It is especially excellent for industrial, traffic and marine paints.

CHEMICAL & PHYSICAL PROPERTIES

Composition	complex polyolefin compound and xylene
Appearance	translucent yellow soft paste
Non-volatile content	22 - 26 %
Solvent	xylene
Specific gravity	ca. 0.87 (20 °C)
Solubility	soluble in aliphatic and aromatic hydrocarbon solvent when heated.
Flush point	ca. 30 °C

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

APPLICATIONS

- Especially designed for industrial, traffic and marine paints
- Chlorinated rubber paints
- Zinc rich primer
- Red-lead paints
- Epoxy paints
- Oil and oil modified alkyd resin paints etc

KEY PROPERTIES

- **M-P-A 24X** is used in almost all solvent based coatings
- The main function is the prevention of hard settling
- It provides excellent anti-settling properties without increasing apparent viscosity at normal usage. (low viscosity increase type)
- It 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 dispersible and does not affect gloss.
- Overcomes sag in certain formulation.

INCORPORATION

M-P-A 24X 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 equipments.

LEVEL OF USE

1.0 - 3.0 % based on the total formulation. (by weight)

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

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

Keep container tightly closed after used.

Stored away from direct sunlight and other sources of heat.

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SHELF LIFE

M-P-A 24X has a shelf life of 2 years form 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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