

M-P-A[®] H105

Rheological Additive

GENERAL INFORMATION

M-P-A H105 is a translucent flowable paste rheological additive used to prevent pigment settling in solvent based coatings. Especially it is designed for metallic & flat paints to have good dispersibility.

CHEMICAL & PHYSICAL PROPERTIES

Composition	complex polyolefin
Appearance	translucent yellow soft paste
Non-volatile content	4 - 6 %
Solvent	xylene
Specific gravity	ca. 0.88 (20 °C)
Solubility	soluble in aliphatic and aromatic hydrocarbon solvent when heated
Flash point	ca. 20 °C

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

APPLICATIONS

- Can be used in almost all solvent based paints and one coat metallic top coats
- Slip agents for can and coil coatings
- Auto and auto-refinish paint

KEY PROPERTIES

- **M-P-A H105** 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 anti-silking agent.
- Does not exhibit any trouble such as viscosity increase and seeding.

- Prevent pigment agglomeration settling and hard caking.
- It is easily dispersed and do not affect gloss.
- Suited for metallic & flat paints.
- Can be used let-down or post-addition process.

INCORPORATION

Should be added to the mill base stage for good particle size at top coat.

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

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

High speed dissolver is enough to disperse it.

LEVEL OF USE

3.0 - 10.0 % based on the total formulation. (by weight)

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.

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SHELF LIFE

M-P-A H105 has a shelf life of 12 months 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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