

DISPARLON PFA-231

(Anti-sagging / Anti-settling agent)

DISPARLON PFA-231 is a thixotropic agent in paste form consisting of a specially prepared amide wax activated in aromatic free solvent. It is easily incorporated into a variety of vehicles and / or solvent and develops exceptionally strong and long-term retained thixotropic structure.

ADVANTAGES

- Strong anti-sagging / anti-settling effect
- Improve orientation of metal pigment
- Ready to use (No need for activation process)

APPLICATIONS

DISPARLON PFA-231 can be used in almost all solvent based synthetic resin coatings. Particularly recommended are heavy duty paints such as Epoxies, Tar / epoxies, Urethanes, Chlorinated rubbers, Vinyls, Unsaturated polyesters, Acrylics and baking enamels such as Acrylic / Melamines for automotive top coat etc..

INCORPORATION

- Additive levels : Preferable dosage level per total formulation is 1.0 ~ 5.0 wt.% for anti-sagging and 0.5 ~ 2.0 wt.% for anti-settling. However, dosage level may fall out of these ranges depending on your formulation. The optimal level should be determined by your laboratory tests.
- Method : High speed dissolver is recommended.
- Dispersing temperature : Amide component may form particles if it is dissolved into a formulation and later precipitated during dispersing process. Standard dispersing temperature is between the room temperature and 50°C to prevent particle generation. Please be careful of the dispersing temperature because particles may occur at the upper side of the standard temperature range mentioned above if a formulation contains large amount of polar solvent.

TYPICAL PROPERTIES

- Appearance : Light yellow paste
- Non-volatile matter : 20% by weight
- Solvent : Alkylcyclohexane / Ethanol / 2-Propanol



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STORAGE

Particles may occur in the paste during storage at a low temperature less than 15°C because of the crystallization of its ingredients. In such case, please warm the vessel in a heating chamber at the temperature between 35°C and 40°C for 24 to 48 hours just before using it.

CAUTION

Amide wax may cause low surface tension. Please make sure to check recoatability especially in alkyd melamine or oil modified alkyd baking systems.



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