

DISPARLON A694-MF

(Anti-sagging / Anti-settling agent)

Methanol free paste

DISPARLON A694-MF is a paste of specially activated synthetic amide wax. It is easily incorporated into many vehicles and / or solvent and develops an exceptionally strong and long retained thixotropic structure. DISPARLON A694-MF is a performance equivalent to the DISPARLON 6900-20X, but this product does not contain methanol.

ADVANTAGES

- Strong and long retained anti-sagging / settling properties.
- Little or no seeding, minimal affects on gloss and weather resistance.
- No need for precise temperature control and pregel preparation for the activation.
- Contributes to an improved orientation of metal pigment in wet film.
- Compatible with a wide range of solvents and vehicles.

APPLICATIONS

DISPARLON A694-MF 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 : Xylene / Ethanol



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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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