

DISPARLON

DISPARLON A670-20M

(Anti-sagging/Anti-settling agent)

DISPARLON A670-20M is a thixotropic agent developed as one of A-Series, anti-sagging agents for high-build coatings, and characterized by its higher flash point and lower content of aromatic solvents.

A670-20M is a paste of amide wax swollen/dispersed in a mixture of solvents composed mainly of mineral spirits. It is fully activated and, therefore, can easily be used in virtually all the paint production process when used in solvent based systems.

ADVANTAGES

- Strong thixotropy, effective for anti-sagging of high-build coatings.
- Flash point as high as 40°C or more, does not lower Flash point of the paint.
- Aromatics content 20% less.
- Fully activated, can be incorporated by high speed dissolver or Sand mill.
- No seeding and long maintained effects.

APPLICATIONS

A670-20M can be used in almost all solvent based systems and recommended particularly in Alkyds, Acrylics, Epoxies, where higher flash point or lower content of aromatics is required.

Other applications are architectural and heavy duty anti-corrosion paints such as Vinyl, Chlorinated rubbers, Acrylic/urethanes, Polyester/urethanes, etc.. Especially recommended for use in wood coatings with oil-modified urethanes.

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 : Mineral spirits / Benzyl alcohol



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STORAGE

Particles may occur in the paste during storage at a low temperature less than 20°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 thixotropes may cause low surface tension. Please make sure to check recoatability especially in alkyd melamine or oil modified alkyd bake systems.



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