

DISPARLON A671-EZ

(Anti-sagging / Anti-settling agent)

DISPARLON A671-EZ is a thixotropic agent based on an amide wax pre-activated in low aromatic mineral spirits. Unlike other amide wax-based thixotropes that are usually activated in xylene, A671-EZ utilizes the high boiling solvent for the product's higher flash point. **DISPARLON A671-EZ** can build up a strong thixotropic structure with a good heat stability just post-added with mild stirring. This product as well as other DISPARLON thixotropes finds applications in a broad type of vehicles with polarity from low to medium range.

ADVANTAGES

- Higher flashing
- Post-added and immediate results
- Easy handling

APPLICATIONS AND USAGE

Recommended for a broad range of synthetic resin-based systems, especially for medium to long oil alkyds, mineral spirits soluble acrylics and NAD.

INCORPORATION

- Additive levels : Preferable dosage level per total formulation is 2.0 ~ 6.0 wt.% for anti-sagging and 1.0 ~ 3.0 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 : 10% 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 wax may cause low surface tension. Please make sure to check recoatability especially in alkyd melamine or oil modified alkyd baking systems.

