DISPARLON® EZ-777

Anti-Sagging / Anti-Settling Agent for Solvent-borne Systems

TECHNICAL DATA SHEET
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DISPARLON® EZ-777 is a thixotropic agent based on amide wax pre-activated. It can be easily incorporated into various vehicles and solvents, providing excellent anti-sagging and anti-settling properties.

TYPICAL PROPERTIES

The following figures are typical properties, not to be used for specification.

Appearance	Light yellow paste
Non-volatile matter	20 wt%
Solvent	Xylene / Ethanol

ADVANTAGES

- Provides strong anti-sagging and anti-settling properties.
- Easy-to-disperse.
- Improves the orientation of metallic pigments in wet film.
- Methanol free.

APPLICATION

DISPARLON® EZ-777 can be used in a wide range of solvent-borne coating systems. DISPARLON® EZ-777 is especially recommended for heavy-duty coatings including epoxy, tar-epoxy, urethane, chlorinated rubber, vinyl, unsaturated polyester, acrylic coatings, as well as for automotive topcoats such as acrylic-melamine coatings.

INCORPORATION

Addition levels

The recommended dosage level is 2.0–5.0 wt.% for anti-sagging and 0.5–2.0 wt.% for anti-settling (based on total formulation).
However, dosage levels may fall outside these ranges depending on your formulation.
The optimal level should be determined under actual use conditions.

Method

Addition using a high-speed dissolver is recommended.

Dispersing temperature

The amide component may form particles if it dissolves into a formulation and subsequently precipitates during the dispersing process. To prevent particle generation, the standard dispersing temperature should be maintained between room temperature and 50 °C. Care must be taken with the dispersing temperature because particles may occur at the upper end of the standard temperature range if a formulation contains a large amount of polar solvent.

STORAGE

Particles may form 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 35–40°C for 24 to 48 hours just before use.

CAUTION

Ensure recoatability is checked, especially in alkyd-melamine or oil-modified alkyd baking systems.

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