



DISPARLON[®] 6900-20X

Anti-sagging / Anti-settling agent for solvent-borne systems

TECHNICAL DATA SHEET

Issued on 18 September 2026

DISPARLON[®] 6900-20X is a thixotropic agent based on pre-activated wax amide. It can be easily incorporated into a wide range of vehicles and/or solvents, providing exceptionally strong and long-lasting thixotropic 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 / Methanol / 2-Propanol

ADVANTAGES

- Provides excellent anti-sagging and anti-settling performance.
- Improves the orientation of metallic pigments in the wet film.
- Ready-to-use (no activation process required)

APPLICATION

DISPARLON 6900-20X is recommended for most solvent-borne systems, including plastics, wood, automotive, heavy duty, marine, architectural, and industrial coatings.

INCORPORATION

Addition levels

The recommended dosage level based on the total formulation is 1.0–5.0 wt% for anti-sagging and 0.5–2.0 wt% for anti-settling.

However, the dosage level may fall outside these ranges depending on the formulation.

The optimal level should be determined under actual use conditions.

Method

Incorporation using a high-speed dissolver is recommended.

Dispersing temperature

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

STORAGE

Particles may form in the paste during storage at temperatures below 20 °C due to crystallization of the ingredients. In such cases, please warm the container in a heating chamber at 35–40 °C for 24 to 48 hours immediately before use.

CAUTION

Recoatibility should be checked, especially in alkyd-melamine or oil-modified alkyd baking systems.



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