

DISPARLON[®] 6900-20X

Anti-Sagging/Settling Agent



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DISPARLON 6900-20X is a dispersion of swollen particles of a unique synthetic polyamide wax. It is easily incorporated into many vehicles and/or solvents and develops an exceptionally strong and long lasting thixotropic structure.

ADVANTAGES:

- Highly shear thinning resulting in superior application properties
- Superior anti-settling agent for heavy pigments and metallics
- Metallic and pearlescent pigment orientation to reduce mottling and improve flip/flop
- Exceptional anti-sag properties in high film build applications
- Excellent shelf stability

TYPICAL PROPERTIES:	Appearance	Straw colored paste
	% Active	20% (wt. Basis)
	Volatile	Xylene/alcohols
	Specific Gravity, 25°C	0.89

APPLICATIONS:

DISPARLON 6900-20X is particularly recommended for suspension and anti-sag in enamels and clear topcoats which require maximum gloss. 6900-20X can be used in almost all solvent based synthetic resin paints and coatings, including alkyds, urethanes, epoxies, acrylics, acrylic/melamines, acrylic/urethanes, tar/epoxies, chlorinated rubbers, vinyls, oil-free alkyds, unsaturated polyesters and acid-cured alkyds. 6900-20X is recommended for both high solids and conventional systems.

TYPICAL USAGE LEVELS:

Recommended levels by weight of paint:

- As an anti-settling agent: 0.5-2.0%
- As an anti-sagging agent: 2.0-5.0%

INCORPORATION:

It is very important to incorporate 6900-20X with a minimum of air entrapment. The presence of air could interfere with the dispersion of the 6900-20X and inhibit its performance. It is most effective if dispersed under shear to a fineness of grind of 7 Hegman. It can be incorporated as a master batch or a premix. Care must be taken not to overgrind 6900-20X as this can result in reduced activity.

- A. Resin and solvent master batch:** To determine the ratio of the resin/solvent/6900-20X, make the solution very thick at the start and dilute to point of ideal mixing. Typically, this can be done with 70 parts resin, 18 parts solvent and 12 parts 6900-20X.
- B. Pre-mix:** Add 6900-20X to mill paste after the final grind has been achieved and mix thoroughly at high speed. Mill pastes usually have the consistency necessary to allow high speed mixing without vortexing to blade.

FORMULATING NOTES:

In systems containing high concentrations of alcoholic solvents, such as wash primers or inorganic zinc rich primers, 6900-20X is not as effective and DISPARLON NS-30 should be used.

SHELF LIFE:

12-24 months from the date of manufacture, when stored at ambient conditions in the original container.

**HANDLING &
STORAGE:**

DISPARLON 6900-20X contains some low boiling alcoholic solvent. Keep the container tightly closed and store in a cool dry place, away from sunlight at 25-40°C. For further information please consult the Material Safety Data Sheet.

REGULATORY:

All components of this product are listed or in compliance with U.S. TSCA, Canada DSL, EEC EINECS, Japan MITI, Australia MITI and Korea ECL.

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