

Product Data Sheet

DISPARLON[®] NS-30 Anti-Sagging/Settling Agent



Science Road
Norwalk, CT 06852
(800) 431-7900
Fax: (203) 866-1268
E-Mail: coatings@kingindustries.com

DISPARLON NS-30 is a blend of polyamide and polyolefin waxes dispersed in xylene and supplied in paste form. It imparts rheology by forming a strong and sustained network structure with pigments and fillers without significantly affecting viscosity. It is particularly effective in high solids pigmented systems such as epoxy maintenance coatings.

ADVANTAGES:

- Excellent spraying and brushing properties due to outstanding shear thinning characteristics.
- Low brush and spray viscosities with better sag resistance than other thixotropic agents.
- Long lasting effectiveness as anti-sagging/settling agent.
- Prevents hard caking of heavy pigments and fillers.
- Imparts superior color uniformity in coatings using mixed color pigments.
- Non-seeding with excellent shelf stability.

TYPICAL PROPERTIES:	Appearance	Straw yellow paste
	% Active	15% (wt. Basis)
	Specific Gravity, 25°C	0.88
	Volatile	Xylene

APPLICATIONS:

DISPARLON NS-30 is excellent for solvent based coatings such as heavy duty maintenance paints, marine paints, floor coatings, adhesives, etc., which contain high levels of fillers and pigments (e.g., Calcium carbonate, Zinc oxide, Kaolin clay, Talc). It is also recommended for pigmented tar/epoxy, urethane, oil based and synthetic resin paints.

TYPICAL USAGE LEVELS:

Recommended levels by weight of paint:
As an anti-sagging and anti-settling: 0.5 – 3.0%
For color uniformity: 0.5 – 1.0%

INCORPORATION:

DISPARLON NS-30 is designed to build a thixotropic structure by being adsorbed onto the pigment surface. During incorporation, DISPARLON NS-30 must be mixed thoroughly with pigments and milled under high shear at 40-60°C. Sand mills, Attritor mills, ball mills or three-roll mills can be used.

SHELF LIFE:

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

HANDLING & STORAGE:

Keep the container tightly closed and store in a cool dry place. For further information please consult the Material Safety Data Sheet.

REGULATORY:

All components of this product are listed or in compliance with US TSCA, Canada NDSL, EEC EINECS, Japan MITI and Australia AICS.

File: NS-30

Issue Date: 0502

0995

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