Kusumoto Chemicals, Ltd.

DISPARLON® NS-30

Anti-settling/Anti-Sagging Agent

TECHNICAL DATA SHEET
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DISPARLON® NS-30 is a blended paste of polyolefin and amide in xylene. DISPARLON® NS-30 effectively prevents settling and sagging in solvent-borne coatings, including those containing high concentration of anti-corrosive pigments. DISPARLON® NS-30 has little effect on viscosity while providing strong anti-settling and anti-sagging properties.

TYPICAL PROPERTIES

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

Appearance	Light amber paste
Active matter	15 wt%
Solvent	Xylene

ADVANTAGES

- Prevents pigment settling and sagging of solvent-borne enamels by combination of advantages of both amide and polyolefin.
- Provides long-lasting effects in formulated enamels.
- Does not form seeds during aging or at high temperatures.
- Its minimal impact on viscosity makes it suitable for high-pigment-loading systems such as heavy-duty primers.

APPLICATION

DISPARLON® NS-30 is widely used in solvent-borne enamels, printing inks, mastics, caulks and sealants, especially in high-pigment-loading systems such as epoxy primers, tar-epoxy primers.

INCORPORATION

Addition levels

0.5–3.0 wt% for anti-settling
2.0–5.0 wt% for anti-sagging

Method

Disperse DISPARLON® NS-30 thoroughly in the premix and mill the premix using a three-roll mill or sand grind mill. Milling should be performed at a temperature between 40 °C and 80 °C, or under high-shear conditions.

STORAGE

Do not heat. Store below 40 °C. Heating causes degradation of quality and performance.

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