Dispersing Agent DA24K

Product Description

DA24K is a 100% active content polymeric dispersant which improves pigment dispersion and stability in liquid organic media.

Physical Properties

Appearance	Yellow Granular Powder
Active Content	100 %
Color (Garnder No.)	< 9 (20% solution in 4:1 xylene:butanol)
Density	1.13 g/cm3
Boiling Point	Decomposes without boiling >250°C
Melting Point	47°C

Applications

1) Solvent based automotive and industrial paints
2) Packaging gravure inks
3) UV cured and solvent base digital inks

Advantages

- Improved flocculation, flood and float resistance
- Production savings / high pigment content in the millbase
- Improvements in the rate of color strength development
- Superior gloss / reduced haze
- Improved particle size reduction
- Improvements in particle stability
- Excellent viscosity stability

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.

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Dosage and Method of Use:

Dosage:

Pigment	wt % of active content
Organic Pigment	8-12%
Carbon Black	10-20%
High surface area Carbon Black	40-60%

Method of Use:

- Dissolve DA24K into millbase solvent(s) (Stir evenly).
- Add pigments while stirring and disperse in the usual routine.
- Addition levels should be based on the surface area of the pigment / filler. The dosage level is usually 2mg active dispersant per square meter of pigment surface area (the pigment surface area divided by 5).

* For digital inks, the dosage level required could be considerably higher and dosage of 4-10mg active dispersant on weight of pigment should be considered.

** For 6 mg dosage, the surface area divided by 1.66 = % active dispersant on weight of pigment.

Packing & Storage

25KG Metal Drums / 25KG LDPE Drums

- Shelf Life is 5 years (store below 35°C and out of direct sun light)

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