

# Dispersing Agent DA24K

Version 2026-10-22b · Revision 2026-10-22

CAS No. 884321-00-0 Chemical Group Polymeric Dispersant

## Product Description

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

## Applications

- Solvent based automotive and industrial paints
- Packaging gravure inks
- 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

## 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.

## Physical Data

|                              |                                         |
|------------------------------|-----------------------------------------|
| Density (g/cm <sup>3</sup> ) | 1.13                                    |
| Form of supply               | Yellow Granular Powder                  |
| Colour, Gardner scale        | ≤9 (20% solution in 4:1 xylene:butanol) |
| Active content (%)           | 100                                     |
| Melting point (°C)           | 47                                      |
| Boiling point (°C)           | Decomposes without boiling >250         |

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.

# Dispersing Agent DA24K

Version 2026-10-22b · Revision 2026-10-22

## Applications

### Coatings

Automotive Coating

•

Industrial Coating

•

• Recommended    ◦ Limited suitability    – Not recommended

### Inks

Solvent based

•

UV / EB

•

## Packaging, Shipping & Storage

Dispersing Agent DA24K is supplied as yellow granular powder. The product is packed in 25 kg metal drum or 25 kg LDPE drum and shipped on pallets of 800 kg. Store below 35 °C and out of direct sunlight. Shelf life: 5 years from manufacturing date.

*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.*