

Dispersing Agent DA8K

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

Chemical Group Polymeric Dispersant

Product Description

DA8K is a 100% active content polymeric dispersant which improves pigment dispersion and stability in liquid organic media.

Applications

- Solvent Gravure / Flexographic Inks
- Offset Newspaper Inks
- Solvent Industrial Paint / Coatings

Aromatic / Aliphatic Solvents

Advantages

- Increased pigment wetting and color strength development
- Suitable for both organic pigment and inorganic pigment (co-grinding).
- Efficient dispersion of organoclay powder and economical carbon black pigments
- Low foaming properties

Dosage

Pigment	wt % of active content
Organic Pigment	8-12%
Carbon Black	10-20%
TiO ₂	1-3%
Organoclay Powder	0.5 – 2.5% (in 10% organoclay gel)

Method of Use

- Mix DA8K into solvent / millbase (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).

Heavy Metal Content

CONTENT	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	Zn
ppm	<20	<15	<10	<10	<10	<15	<2-	<20	<10

Physical Data

Density (g/cm ³)	0.95
Form of supply	Brown Viscous Liquid
Colour, Gardner scale (Gardner)	≤14
Active content (%)	100
Boiling point (°C)	~200
Flash point (°C)	~260

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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Applications

Coatings

Automotive Coating	●
Industrial Coating	●
Coil Coating	●
Wood Coating	●

Inks

Offset	●
Solvent based	●

● Recommended ○ Limited suitability – Not recommended

Packaging, Shipping & Storage

Dispersing Agent DA8K is supplied as brown viscous liquid. The product is packed in 25 kg HDPE pail (large open top) or 180 kg metal drum (large open top) and shipped on pallets of 800 kg. Store under normal temperatures, dry and protected from weather. Shelf life: 5 years from manufacturing date.

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