

Synergist DA5K

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

CAS No.	86753-78-8	Chemical Group	Phthalocyanine Pigment Derivative
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Product Description

DA5K is a 100% active pigment derivative (synergist) used together with appropriate dispersing agents to improve pigment dispersion and stability in liquid organic media.

Applications

- Solvent base automotive paint
- Solvent base industrial paint
- Solvent base packaging gravure ink
- Solvent base publication gravure ink
- Offset inks

Advantages

- Increased pigment concentration
- Increased tinctorial properties
- Improved rheological characteristics
- Improved pigment stabilization

Dosage

The amount of synergist used is related to the pigment being dispersed.

Pigment	Dispersing Agent : DA5K (Ratio)
High Surface Area Carbon Black	2 : 1
Carbon Black / Blue / Violet	4 : 1
Green	9 : 1

Method of Use

- Mix DA5K into solvent / millbase (Stir evenly).
- Add pigments while stirring and disperse in the usual routine.
- Addition levels should be based on the above suggested Dispersing Agent / Synergist ratio.

Physical Data

Density (g/cm ³)	1.25
Form of supply	Blue Powder
Active content (%)	100
Melting point (°C)	>300

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	●

Inks

Offset	●
Solvent based	●
Water based	●
UV / EB	●

● Recommended ○ Limited suitability – Not recommended

Packaging, Shipping & Storage

Synergist DA5K is supplied as blue powder. The product is packed in 25 kg carton and shipped on pallets of 500 kg. Store under normal temperatures, dry and protected from weather. Shelf life: 5 years from manufacturing date.

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