

## Anti-sagging Agent

## GENERAL INFORMATION

DAPRO® BEZ 75 is applied in non-aqueous coatings as an effective auxiliary to fight settling and sagging.

## PHYSICAL PROPERTIES

Appearance	: clear liquid
Active matter	: approx. 77 – 78%
pH, 10% solution in water (ASTM D 1172)	: 6.5 – 7.5
Density 20°C (DIN 53217/3)	: approx. 1040 kg/m <sup>3</sup>
Viscosity, 25°C (DIN 53015)	: 0-900 mPa.s
Solubility	: soluble in water
Composition	: surface active agent

## APPLICATION AND PROPERTIES

DAPRO® BEZ 75 can be applied to most non-aqueous coatings e.g., oxidatively drying alkyd, alkyd-melamine, acrylic, nitro-cellulose, chlorinated rubber and epoxy coatings as well as to wash primers and high-solid paints. According to our experience, DAPRO® BEZ 75 cannot be applied to systems containing zinc-powder.

- As anti-settling agent:  
DAPRO® BEZ 75 counteracts the formation of a hard unstirred bottom-cake during storage of coatings. The effectiveness of DAPRO® BEZ 75 as an anti-settling agent is shown especially in industrial primers and dipping varnishes.
- As anti-sagging agent:  
DAPRO® BEZ 75 counteracts the formation of sags both in dipping varnishes, spray paints and in varnishes applied by brush. Also after extended storage, DAPRO® BEZ 75 remains active.
- Various other applications and properties:  
DAPRO® BEZ 75 gives a thixotropic effect to coatings, even if the product is post added. DAPRO® BEZ 75 improves the brushability and if added to the pigment paste before the dispersing process, has a positive influence on the wetting and dispersing of the pigment.

DAPRO® BEZ 75 is applied as a swelling and wetting agent to various types of Bentonite-thickening agents. By using DAPRO® BEZ 75 instead of e.g. methanol, soft easily workable yet maximally gelled Bentonite-pastes are obtained.

We recommend the following composition:

85%	White spirit
10%	Bentonite
— after approx. 3 min. dispersing add:	
5%	DAPRO® BEZ 75
	mix for approx 7 min.
100%	Bentonite-paste to be used after 24 hours

Feature	Consequence
• liquid	- easy addition, may be post-added as a corrective agent
• imparts a thixotropic character to the paint	- reduces paint sagging after application - reduces sedimentation improves brushability
• anionic character	- aids the gelling of bentonite

## DOSAGE

DAPRO® BEZ 75 can be added at any moment during the coating manufacture, however, in cases of application as an anti-settling agent, we recommend the addition before the dispersing process, because this will result in a better distribution of the product on the pigment. In most cases good results are obtained at a concentration of 0.2 – 1.0 %, calculated on the tot quantity of the paint. However, we would recommend to determine the optimum dosage in each case individually.

(continued)

The information in this publication is intended to serve as guide but is not necessarily complete and is given without warranty. We recommend all users to determine the suitability of our products for their intended uses and caution them to comply with statutory obligations and to avoid infringing rights of third parties. We encourage users to contact us to discuss problems involving our products in order to facilitate their use.

**Elementis Specialties**  
Pegasuspark  
De Kleetlaan 12A – Bus 3  
B-1831 Diegem • Belgium  
Tel +32 2 790 76 00  
Fax +32 2 790 76 60

**Elementis Specialties**  
P.O. Box 700  
Hightstown  
NJ 08520 • USA  
Tel +1 609 443 2000  
Fax +1 609 443 2422

**Elementis Specialties**  
No. 120 Jalan Kapar 27/89  
Section 27 • 40400 Shah Alam  
Selangor • Malaysia  
Tel +603 519 228 87  
Fax +603 519 238 87

## HANDLING AND SAFETY

Detailed information on handling and safety for each product is included in the relevant material safety data sheet, available for each product.

## QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 certificate, which guarantees that all operations are conducted according to the stipulated standards.

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**Elementis Specialties**  
Pegasuspark  
De Kleetlaan 12A – Bus 3  
B-1831 Diegem • Belgium  
Tel +32 2 790 76 00  
Fax +32 2 790 76 60

**Elementis Specialties**  
P.O. Box 700  
Hightstown  
NJ 08520 • USA  
Tel +1 609 443 2000  
Fax +1 609 443 2422

**Elementis Specialties**  
No. 120 Jalan Kapar 27/89  
Section 27 • 40400 Shah Alam  
Selangor • Malaysia  
Tel +603 519 228 87  
Fax +603 519 238 87