



# SURFACE SPECIALITY CHEMIE

## K-SET 75 - Liquid Rheology additives

Anti-Settling Agent

Anti-Sagging Agent

Dispersion Activator –Organo-clay,fumed silica

**K-SET 75** is used in solvent coatings as an Effective auxiliary to fight settling and sagging. It is particularly useful in aromatic-free formulations.

### PROPERTIES

Appearance	Viscous amber liquid
Active content	approx. 75-80%
Density 20°C	approx. 1040 kg/m <sup>3</sup>
Viscosity, 25°C	max. 1000 mPa.s
Solubility	hydrocarbon solvents
Composition	surface active agent, Aromatic free.

### APPLICATIONS

**K-SET 75** can be used in most non-aqueous coatings e.g. air-dried alkyd, alkyd-melamine, acrylic, nitrocellulose, chlorinated rubber and epoxy coatings. It is suitable also for wash primers and high-solid paints.

- As anti-settling agent:  
**K-SET 75** counteracts the formation of hard, un-stirrable sediment during storage. The effectiveness of **K-SET 75** as an anti- settling agent is shown especially in industrial primers and dipping varnishes.

- As anti-sagging agent:  
**K-SET 75** improves sag resistance in dipping varnishes, spray paints and in varnishes applied by brush. **K-SET 75** remains active even after extended storage.
- Other applications and properties:  
**K-SET 75** gives a thixotropic character to Coatings, even if the product is post added. **K-SET 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.
- K-SET 75** can be applied as a swelling And wetting agent for various types of organically thickening agents. By using **K-SET 75** instead of a polar activator like methanol/water, soft easily workable yet activated **K-SET 75** pastes are obtained.
- We recommend the following composition:
- 85 % White spirit
- 10 % organoclay  
After approx. 3 min. dispersing add:
- 5 % **K-SET 75**  
Mix for approx 7 min.
- 100 % Clay paste to be used after 24 hours



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## ADVANTAGE FEATURE

- liquid
  - easy addition, maybe post-added as a
  - Corrective agent
- imparts a thixotropic character to the paint
  - reduces paint sagging after application
  - reduces sedimentation
  - Improves brushability
- High concentration products- effective at low dosage
- Synergistic character
  - aids the production of organo clay Pastes

## Better Wetting Properties

### APPLICATION:

- Industrial coatings
- Alkyd based coatings
- Liquid ink
- Paste ink
- Epoxy floor coatings
- Pigment paste
- Nail polish

### INCORPORATION

K-SET 75 can be added at any stage of the coating manufacture. However, when used as an anti-settling agent, we recommend the addition before the dispersing process, as this will result in better distribution of the product on the pigment.

### LEVELS OF USE

In most cases good results are obtained at a concentration of 0.1 - 1.5%, calculated on the total quantity of the paint. We recommend determining the optimum dosage in each case individually.

### HANDLING AND SAFETY

Before using this product please consult our MSDS for information on safe handling and storage.

### SHELF LIFE

K-SET 75 has a shelf life of 3 (three) years from date of manufacture.

*NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.*

### **SURFACE SPECIALITY CHEMIE**

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