



Anti Set-off Spray Powder

K-Supply


Printing ink is not always dried completely in the delivery, with the danger of ink set-off. K-Supply Anti Set-off Spray Powder avoids ink set-off or blocking in regular sheetfed offset printing. Aeration is assisted to accelerate oxidative drying of the printing ink and the slippage of the sheets is effected positively and stack formation is facilitated. The use of this high quality K-Supply Anti Set-off Spray Powder provides space between the sheets as well as economical consumption of powder with lowest dust formation. The K-Supply Anti Set-off Spray Powder, available both as medium (20) and coarse (30) as well as medium coated and coarse coated, are vegetable-based organic products made of starch.

Benefits

- Regular particle size distribution.
- Decreased dust loading within delivery and printing rooms.
- Easy and reliable handling.
- Insensitive against normal humidity.
- Stable in storage.
- Neither soluble in alcohol nor in water.
- Works with all powder application systems (incl. electrostatic).
- The coated powder is particularly suitable for the finishing of prints with waterbased varnish (whether IN or Off-line) and has a very low abrasion behaviour in print converting.
- Free of micro fine dust.
- In accordance with the regulation (EC) Nr. 1935/2004 of the EU on materials and articles intended to come into contact with food.

Directions

Use breathing masks and safety goggles. When stored and handled appropriate, no hazardous reactions are known. Under normal ambient temperature and pressure the mixture is stable. Dust explosion hazard with dust-air mixtures. Moisture and water during storage may cause loss of product quality and lump formation. Avoid temperatures > 100°C or contact with acids. Decomposes into carbon monoxide and dioxide, water and oxygen. With the Coated Powder the formation of dust in the delivery area and around the press could be increased because of the special treatment. Starch powder tends to static charging which can be opposed by ionisation. The Coated Powder is not to be used by any downstream converting like external vanishing, film laminating, hot foil stamping. Under certain circumstances this could result to repulsion behaviour. Better margins because of high value jobs.

 **Directions for Use:**
For details, please refer to the safety data sheet.

Specifications

Product name	K-Supply Anti Set-off Spray Powder
Appearance	Aggregate state Powder - solid
Colour	White to slightly yellowish
Odour	Neutral
pH-value	5.0 – 7.0 (at 20°C)
Lower explosive limits	≥ 60 g/m ³
Solubility(ies)	Insoluble
Auto-ignition temperature	> 300°C
Decomposition temperature	From 200°C
Explosive properties	Explosive (dust explosion class ST1) not explosive or pyrotechnic. No gas development or self-sustaining exothermic chemical reactions.
Packaging	10 x 1 Kg per Box