

KRONOS®

KRONOS 4045

Save Money -
Go Liquid



KRONOS 4045 Slurry is an aqueous rutile pigment suspension for universal use in water-borne coatings and in the paper industry. It improves the brightness and opacity of interior emulsion paints and paper coatings and gives paper very high wet and dry opacity when added directly to the pulp in the wet end. Furthermore, it is also approved as a colourant for food packaging with indirect food contact.

KRONOS 4045 Slurry offers numerous key features that all result in a lean, easy and cost-efficient manufacturing process, thus boosting your competitiveness.

Our performance slurry simplifies production. It eliminates the need for dispersion. Due to the now dust-free processing, any related potential health hazards are eliminated. In this way, the pigment suspension makes for a safer working environment.



Typical Pigment Data KRONOS 4045	
Solids content	approx. 70%
Surface treatment	None
Density	Approx. 2.2 g/cm ³
pH	Approx. 8.0
Viscosity (Brookfield)	≤ 1,000mPas
Sieve residue (25µ)	≤ 0.02%

KRONOS 4045 Slurry is characterised by easy handling and exact dosing. It is furthermore specially designed for high-volume throughput. Use of the slurry achieves constant batch-to-batch quality.

Above all, KRONOS 4045 Slurry also offers the enormous advantage of eliminating used-package disposal and the associated expense.

KRONOS additionally offers interested customers assistance with mobile logistics solutions (flexible storage tanks) and their handling.

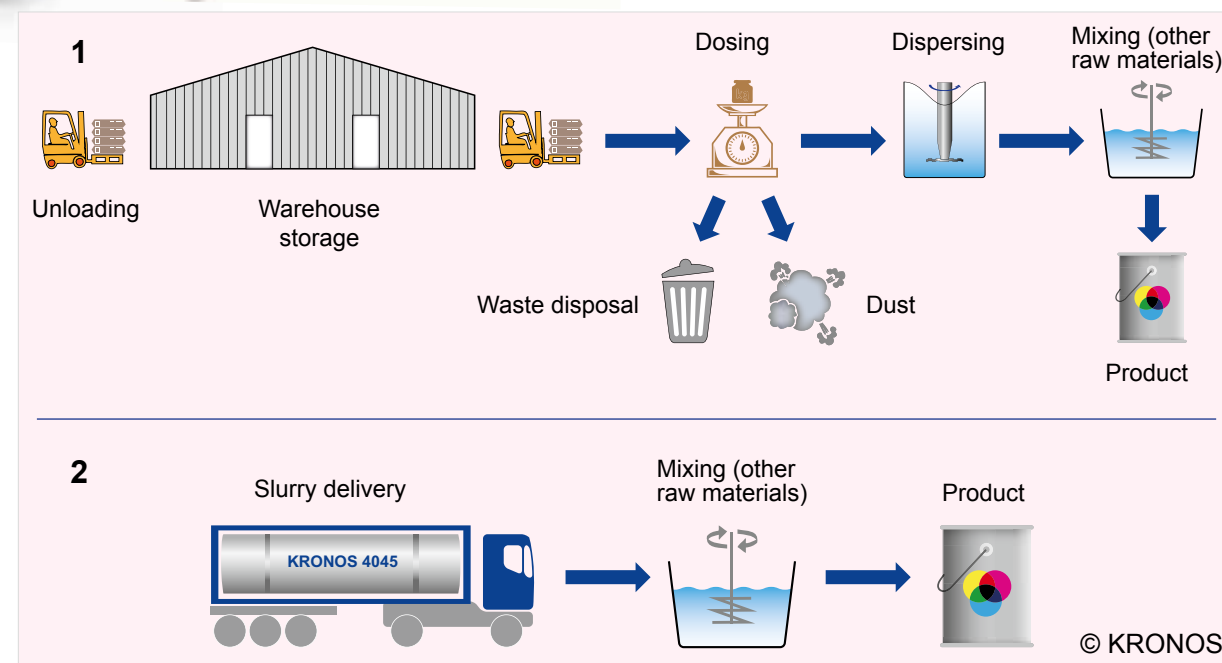
Pictures (left): Courtesy of Curt Richter SE

Key Attributes

- ◆ Ready-to-use
- ◆ Excellent whiteness and opacity
- ◆ Gives paper very high wet and dry opacity when added to the pulp (mass colouring)
- ◆ Excellent compatibility
- ◆ Is easy to pump and allows exact dosing
- ◆ Stable, state-of-the-art pigment suspension
- ◆ Very low sieve residue
- ◆ In line with ever-tightening environmental regulations
- ◆ Complies with the regulations regarding use as a colourant for indirect food contact
USA: FDA 21 CFR 176.170, FDA 21 CFR 176.180; Germany: BfR XXXVI; Europe: CoE Resolution AP(2002)1, as well as with the equivalent national regulations in France, Italy and Spain.

Applications

- ◆ Interior emulsion paints
- ◆ Paper/cardboard coatings
- ◆ Stock pigmentation
- ◆ Fillers and plasters
- ◆ Water-based primers



Paint production process 1= Today, 2 = Lean and cost-efficient with KRONOS 4045 Slurry



Your contacts in North America



Technical Service
Cranbury, USA
+1 609 860-6200



Customer Service
Dallas, USA
+1 800 866-5600

Your contacts in Europe



Technical Service
Leverkusen, Germany
+49 214 356-0



Customer Service
Leverkusen, Germany
+49 214 356-0

KRONOS INTERNATIONAL, Inc.

Peschstr. 5 · 51373 Leverkusen · Germany
Tel. +49 214 356-0 · Fax +49 214 3562412
kronos.tsd@kronosww.com



www.kronostio2.com

The information in this publication is, to the best of our knowledge, true and accurate, but since the conditions of use are beyond our control, no warranty is given or to be implied in respect of such information. In every case, caution must be exercised to avoid violation or infringement of statutory obligations and any rights belonging to a third party. We are, at all times, willing to study customers' specific outlets involving our products in order to enable their most effective use.