

# 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.



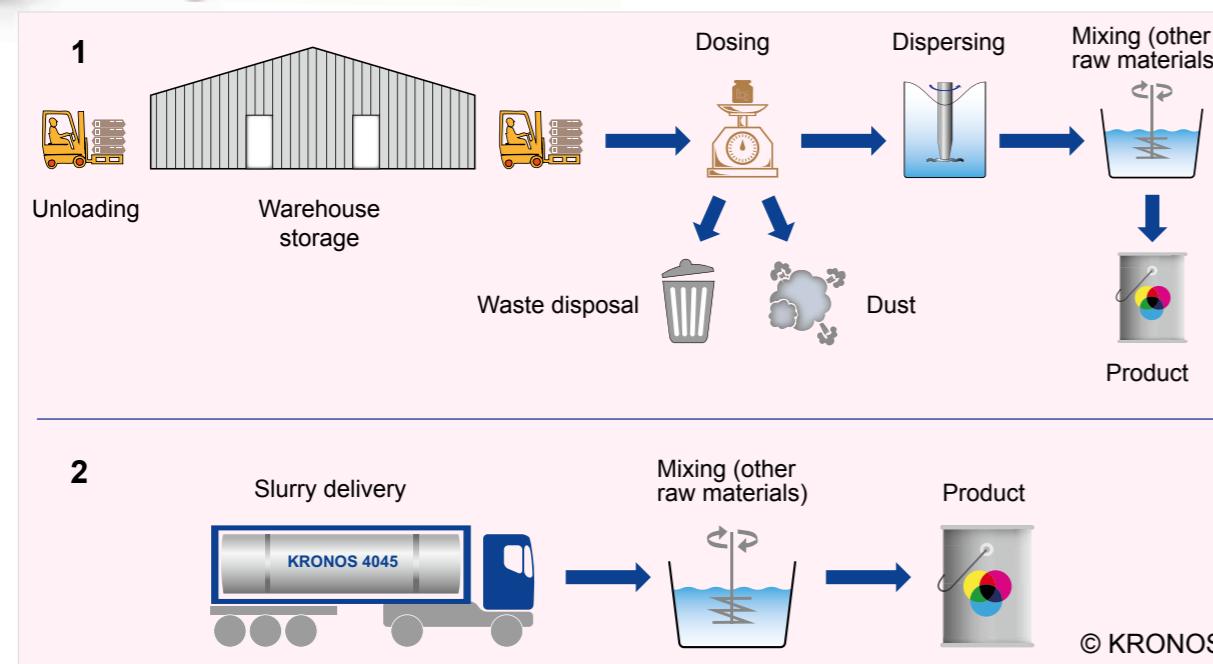
Typical Pigment Data KRONOS 4045	
Solids content	approx. 70%
Surface treatment	None
Density	Approx. 2.2 g/cm <sup>3</sup>
pH	Approx. 8.0
Viscosity (Brookfield)	≤ 1,000mPas
Sieve residue (25μ)	≤ 0.02%

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*



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

#### 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





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