CERACOL 83

Wax dispersion to improve the transfer properties of solvent-borne formulations for thermal transfer ribbons and to improve the surface properties of coating formulations, especially in can coatings.

Product data

Composition
Fischer-Tropsch wax dispersion

Typical properties
The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Non-volatile matter (60 min, 125 °C):	20 %
Carrier:	Isopropanol
Melting point (wax content):	105 °C
Particle size distribution D50:	2.5 µm
Particle size distribution D90:	6 µm
Viscosity (23 °C, D=800/s):	< 100 mPa·s

Storage and transportation
Temperature sensitive. To be stored and transported at a temperature below 35 °C. Mix well before use.

Applications

Thermal transfer ribbons

Special features and benefits
The additive improves the thermal transfer, the printing sharpness and the rub resistance in solvent-borne formulations for thermal transfer ribbons.

Recommended levels
70–80 % additive (as supplied) based on the total formulation in the release layer.
20–30 % additive (as supplied) based on the total formulation in the pigmented layer.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions
The additive should preferably be post-added to the coating at a low shear rate. Mix well before use.

Coatings industry

Special features and benefits
The wax additive increases the surface slip while also improving the scratch resistance of the coating. It achieves optimum efficiency in solvent-borne polar and aqueous systems with a high cosolvent content.

Recommended levels
1–5 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions
The additive can be added at the end of the production process or post-added, and should be incorporated at moderate shear force. Mix well before use.

Your local contact

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com