

Technical Data Sheet

PercoTop[®] NKL

1K Topcoat

Description

PercoTop[®] NKL is a 1K nitrocellulose topcoat.
Composition based on nitrocellulose.

Products

XXX	Tints
PercoTop [®] NKL	PercoTop [®] NKL 1K Topcoat
CS990	PercoTop [®] NKL Binder
CS201	PercoTop [®] 1K Matting Agent
CS600	PercoTop [®] Thinner Standard
CS601	PercoTop [®] Thinner 1K

Colours

- Industrial and standard colour registers.
- Various gloss levels available in combination with CS201.
- 3 extra flattening levels can be retrieved from the ColourSolutions colour tool.

Properties

- Easy application and fast drying.
- Good coverage.

Substrates

- Cured, solvent resistant, well preserved and scuff sanded OEM or old finish.
- PercoTop[®] primer surfacers.

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Surface preparation

- Substrates must be free from all contaminants.
- Sand surface:
 - a. dry with orbital sander and dust exhaust P320 - P500;
 - b. wet with sandpaper P600 - P800.
- Degrease before recoating.

VOC value ready for use (EU Directive 1999/13/EC)

- RAL 9010: 615 g/l With 25 % CS601.
- RAL 9005: 621 g/l With 25 % CS601.

Product preparation







Thinner	CS600 CS601
Recommended dry film thickness	35-50 μ

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Application

		Application viscosity DIN 4 at 20°C (s)	Thinner (%)	Spray nozzle (mm)	Pressure (bar)	Number of coats
	Gravity feed	18-25	25-35	1.3-1.5	3.0-5.0	2
	Suction feed					
(High pressure spraying)						
	HVLP	18-25	25-35	1.3-1.5	2.0-2.5	2
(Low pressure spraying)						
	Airless Airmix	According to the advice of the DuPont Technical Representative.				
	Pressure pot Membrane pump	18-25	25-35	1.1-1.3	2.5-3.5 air 0.5-2.0 material	2
(High pressure spraying)						
	Electrostatic	According to the advice of the DuPont Technical Representative.				

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Drying

Air drying at 20°C	40 µ dry film thickness
Dust dry	10 minutes
Dry to handle	1 hour
Dry	5 hours

Forced drying	Flash time: 10 minutes. Depending on film thickness.
Drying time	8 minutes
Drying temperature	60°C object temperature

Product data

Package viscosity	Thixotropic
Flash point	21°C



	Solids Weight (%) +/- 1	Density (kg/l) +/- 0.01	Theoretical coverage (at 40 µ) (m ² /kg)	Theoretical material consumption (at 40 µ) (g/m ²)
White Packaged	50.8	1.11	7.0	142
Black Packaged	42.9	0.99	7.4	143

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Remarks

	<ul style="list-style-type: none">• Material has to be at room temperature before use.• Stir mixing pastes and binders thoroughly before use.• Stir the mixture well after the weigh-out of the components.• Stir CS201 (PercoTop[®] 1K Matting Agent) thoroughly each time before use in colour formulae, in order to secure reproducible gloss levels.
	<ul style="list-style-type: none">• DuPont is not responsible for colour-matching in the end-application by the customer, in particular if the customer applies products from different batches. The customer should perform an inspection related to the colour of products before taking the products into use.
Storage conditions	<ul style="list-style-type: none">• Material has to be stored at room temperature (5-35°C)
Shelf life at 5°C to 35°C	<ul style="list-style-type: none">• Refer to the label life on the original can.

Safety

Consult the Safety Data Sheet prior to use.
Observe the precautionary notices displayed on the container.

Information

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since DuPont cannot anticipate all variations in actual end-use conditions DuPont makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights.
This Technical Data Sheet supersedes all previous issues.

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