

Technical Data Sheet

PercoTop[®] Acryl 55

1K MS Topcoat

Description

PercoTop[®] Acryl 55 is a 1K topcoat.
Composition based on thermoplastic acrylic resin.

Products

| | |
|--------------------------------|--|
| PercoTop [®] Acryl 55 | PercoTop [®] Acryl 55 1K MS Topcoat |
| CS955 | PercoTop [®] Acryl 55 Binder |
| CS010-CS095 | PercoTop [®] Tints |
| CS680 | PercoTop [®] Thinner EP |

Colours

- Industrial and standard colour registers.

Properties

- Very fast drying.

Substrates

- Cured, solvent resistant, well preserved and scuff sanded OEM or old finish.
- Primed surface.
- Plastic (e.g. polystyrene, polymethacrylate, melamine).

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: 717 g/l + 45 % CS680.
- RAL 9005: 714 g/l + 45 % CS680.

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Product preparation

| | |
|--------------------------------|---------|
| Thinner | CS680 |
| Recommended dry film thickness | 15-30 μ |

Application

| | Application viscosity DIN 4 at 20°C (s) | Thinner (%) | Spray nozzle (mm) | Pressure (bar) | Number of coats |
|---|---|----------------|----------------------|--|-----------------|
|  Gravity feed  Suction feed (High pressure spraying) | 15 | 40-60 | 1.2 | 3.0-5.0 | 2 |
|  HVLP (Low pressure spraying) | 15 | 40-60 | 1.2 | 2.0-2.5 | 2 |
|  Airless Airmix | 20 | 40 | 0.23 | 2.0-3.0 air Ca 100 material | 2 |
|  Pressure pot  Membrane pump (High pressure spraying) | 15 | 40-60 | 1.1 | 3.0-5.0 air 0.5-2.0 material | 2 |
|  Electrostatic | According to the advice of the DuPont Technical Representative. | | | | |

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Drying

| | |
|---------------------------|-------------------------|
| Air drying at 20°C | 25 µ dry film thickness |
| Dust dry | 5-10 minutes |
| Dry to handle | 30 minutes |
| Dry | 2 hours |

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

Product data

| | |
|--------------------------|-------------|
| Package viscosity | Thixotropic |
| Flash point | 9.5°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 | 31.8 | 0.95 | 8.5 | 194 |
| Black Packaged | 30.8 | 0.93 | 8.8 | 188 |

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Remarks

| | |
|---|--|
|  | <ul style="list-style-type: none">• Stir mixing pastes and binders thoroughly each time before use.• Stir the mixture well after the weigh-out of the components. |
|  | <ul style="list-style-type: none">• Before application a colour comparison is recommended. |
| Storage conditions | <ul style="list-style-type: none">• Material has to be stored at a temperature between 5°C and 35°C. |
| Shelf life at 5°C to 35°C | <ul style="list-style-type: none">• Refer to the label 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.

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