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TECHNICAL DATA SHEET

Revision date: 01.08.2017

HS CLEAR COAT PREMIUM

Article number: 11065, 11068

Intended use: Car refinishing product/ Lacquer

General characteristics:

HS Clear Coat Premium is a VOC-compliant High-Solid acrylic clearcoat for complete or partial paintwork of cars and commercial vehicles. It provides an especially brilliant finish and optimal flow on solvent-based or water-based basecoats. HS Clear Coat Premium can be polished immediately after forced drying and is highly resistant to all kind of weathering as well as to mechanical stress and chemical agents. Also suitable as protective coating for neon colours (fluorescent colours). Excellent drying properties. Just add a small quantity of thinner and the clearcoat is ready to be applied.

Color: colourless

Hardener:

HS hardener LOW VOC fast

HS Hardener Premium

Mixing ratio: Paint + hardener 2:1 by volume

Dilution: Uni thinner slow, addition 0 - 5 %

Spraying viscosity 4 mm DIN

Gravity spray gun 19 - 22 s

Application method

Application method	Pressure	Nozzle
Gravity spray gun	2 - 2,5 bar	1,2 - 1,3 mm
HVLP	2 - 2,2 bar	1,2 - 1,3 mm
	0,7 bar internal nozzle pressure	



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Processing conditions

Ensure an adequate supply and exhaust air ventilation. Working temperature must be at least +10 °C. Max. air humidity 80 %.

Spraying operations	DFT	Consumption
1,5	50 - 60 µm	10 - 12 m ² /l

Flash-off time

Between the coatings	Before the oven drying
1 - 3 minutes	10 - 15 minutes

Drying

Object temperature 20 °C

Dust free 25 - 35 minutes

Set to touch 12 hours

ready for assembly 24 hours

Object temperature 60 °C

Set to touch 30 minutes

ready for assembly 2 hours

Pot life at 20 °C

1 hour with HS hardener LOW VOC fast

2,5 hour with HS Harderner Premium

VOC regulation

EU limit value: Category B/d 420 g/l

This product contains max. 420 g/l.

Processing tips

Optimum application: apply a light continuous spray coat followed by 1 full spray coat.

In order to assure a perfect curing we recommend forced drying. At room temperature, it is advisable to use the hardener HS hardener LOW VOC fast.

Data: 01, August 2017

This release replaces all eventually earlier issued versions.

For the additional information that is not included to the Technical Data Sheet apply to the supplier: e-mail: info@chamaeleon-produktion.de

See information on safety in Safety Data Sheet.