

TECHNICAL DATA SHEET

Revision date: 28.03.2019

HS CLEAR COAT LOW VOC

- Article number:** 11665, 11668
- Colour:** colourless
- Intended use:** Car refinishing product/ Clear coating material, Varnish
- General characteristics:** HS Clear coat LOW VOC is a VOC-compliant High-Solid acrylic clearcoat for complete or partial paintwork of cars and commercial vehicles and provides an especially brilliant finish and optimal flow on solvent-based or water-based basecoats. HS Clear coat LOW VOC guarantees an optimal curing especially in case of oven drying but also at room temperature. It 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). Easy and safe application under all climatic conditions.

Painting preparation process:

- Hardener:** HS Hardener LOW VOC
- Mixing ratio:** Paint + hardener 2:1 by volume
- Dilution:** Chamäleon Thinner, addition 0 - 5 %
- Spraying viscosity 4 mm DIN:** gravity spraying gun 19 - 22 s
- Pot life at 20 °C:** 2.5 h. with HS Hardener LOW VOC

Application process:

Application method	Pressure	Nozzle
Gravity spray gun	2.0 - 2.5 bar	1.2 - 1.3 mm
HVLP	2.0 - 2.2 bar	1.2 - 1.3 mm
	0.7 bar internal nozzle pressure	

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 min.	10 - 15 min.

Processing conditions:

Please only use in an adequate ventilated environment with an ample supply of fresh air. Processing temperature should be at least +10 °C and max. air humidity should not exceed 80%.

Drying	Dust free	Set to touch	Ready for assembly
Object temperature 20 °C	25 – 35 min.	12 h.	24 h.
Object temperature 60 °C	-	30 min.	2 h.
IR-Drying shortwave	8 min.		
IR-Drying mediumwave	10 - 15 min.		

VOC regulation

EU limit value: Category B/d 420 g/l
This product contains max. 420 g/l.

Processing tips

Optimal application: apply a light continuous spray coat followed by 1 full spray coat. In order to assure a perfect curing we recommend forced drying.

This release replaces all eventually earlier issued versions.

For additional information, not contained in this Technical Data Sheet, please contact the supplier via:
info@chamaeleon-produktion.de

For safety information, please refer to the corresponding Safety Data Sheet.