



Chamäleon GmbH
Rudolf-Diesel-Straße, 8a
69115 Heidelberg-Germany
Tel.: +49-(0)-6221 520440
Fax: +49-(0)-6221 520449
E-mail: info@chamaeleon-produktion.de
http://www.chamaeleon-produktion.de

TECHNICAL DATA SHEET

Revision date: 28.02.2019

UHS CLEAR COAT

Article number: 11785, 11788

Intended use: Car refinishing product/ Clear coating material,
Varnish

General characteristics: UHS Clear Coat is a scratch-resistant two-component HS acrylic clearcoat based on Reflow technology. Because of its resistance to micro-scratches (caused e.g. by car wash plants) and to chemicals, UHS Clear Coat is particularly suitable for high-quality partial or complete paintworks on cars, motorcycles and commercial vehicles. UHS Clear Coat is especially easy to apply and ensures optimal spray mist absorption during the application on large surfaces or at high temperatures. VOC-conform.

Color: colourless

Hardener: UHS Hardener

Mixing ratio: Paint + hardener 2:1 by volume

Dilution: Ready to spray after addition of hardener

Spraying viscosity 4 mm DIN

Gravity spray gun 18 - 21 s

Application method

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	

Processing conditions

only use in an adequately ventilated area. Working temperature must be at least +10 °C.

Max. air humidity 80 %.



Chamäleon GmbH
Rudolf-Diesel-Straße, 8a
69115 Heidelberg-Germany
Tel.: +49-(0)-6221 520440
Fax: +49-(0)-6221 520449
E-mail: info@chamaeleon-produktion.de
<http://www.chamaeleon-produktion.de>

Spraying operations	DFT	Consumption
1 - 2	40 - 50 µm	6 - 8 m ² /l

Flash-off time

Between the coatings

5 - 10 minutes

Before oven drying

10 - 15 minutes

Drying

Object temperature 20 °C

Dust free 25 - 30 minutes Set

to touch 6 - 8 hours

Ready for assembly 24 hours

Object temperature 60 °C

Set to touch 30 minutes

Ready for assembly 1 hour

IR-Drying

shortwave 8 minutes

mediumwave 10 - 15 minutes

Pot life at 20 °C

4 hours

VOC regulation

EU limit value: Category B/e 840 g/l

This product contains max. 530 g/l.

Processing tips

-

Data: 28 February, 2019

This release replaces all eventually earlier issued versions.

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

See safety information in the Safety Data Sheet.