

**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 %.



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### **Spraying operations**

1 - 2

### **DFT**

40 - 50 µm

### **Consumption**

6 - 8 m<sup>2</sup>/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**

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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](mailto:info@chamaeleon-produktion.de)

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