

# Technical Information

## 40-450



### HS Universal Clear VOC

HS VOC clear for basecoat

- High solids content, safe to spray, excellent levelling flow, excellent surface hardness and polishing behaviour.
- Select hardener and reducer according to ambient temperature and size of object to be painted. Hardeners and thinner combination available on temperature chart.

## Application

	<b>Mixing Ratio</b> 2:1+10 %	100 % by volume	40-450
		50 % by volume	50-415, -420, -430
		10 % by volume	60-10, -20, -30
	<b>Spray viscosity at 20°C</b>	DIN 4: 20-22 s	
	<b>Potlife at 20°C</b>	2 h	
	<b>HVLP spray gun</b>		
	Nozzle size	1.3 mm	
	Application pressure	2 bar	
	Nozzle pressure	0.7 bar	
	<b>Compliant gravity-feed spray gun</b>		
	Nozzle Size	1.3-1.4 mm	
	Application Pressure	2 bar	
	<b>Number of spray coats</b>		
	<b>Film thickness</b>	40-60 µm	
	<b>Flash off at 20°C</b>	3 min between spray coats	
	<b>Application Remark</b>	½ + 1, can be applied to vertical surfaces, (no flash-off between coats required), approx. 50 µm	

### Safety advice:

**2004/42/IIIB(d)(420)419:** The EU limit value for this product ( product category: IIB.d) in ready to use form is max 420 g/l of VOC. The VOC content of this product is 419 g/l.

The products are suitable for professional use only.

It cannot be ruled out that this product contains particles < 0.1 µm.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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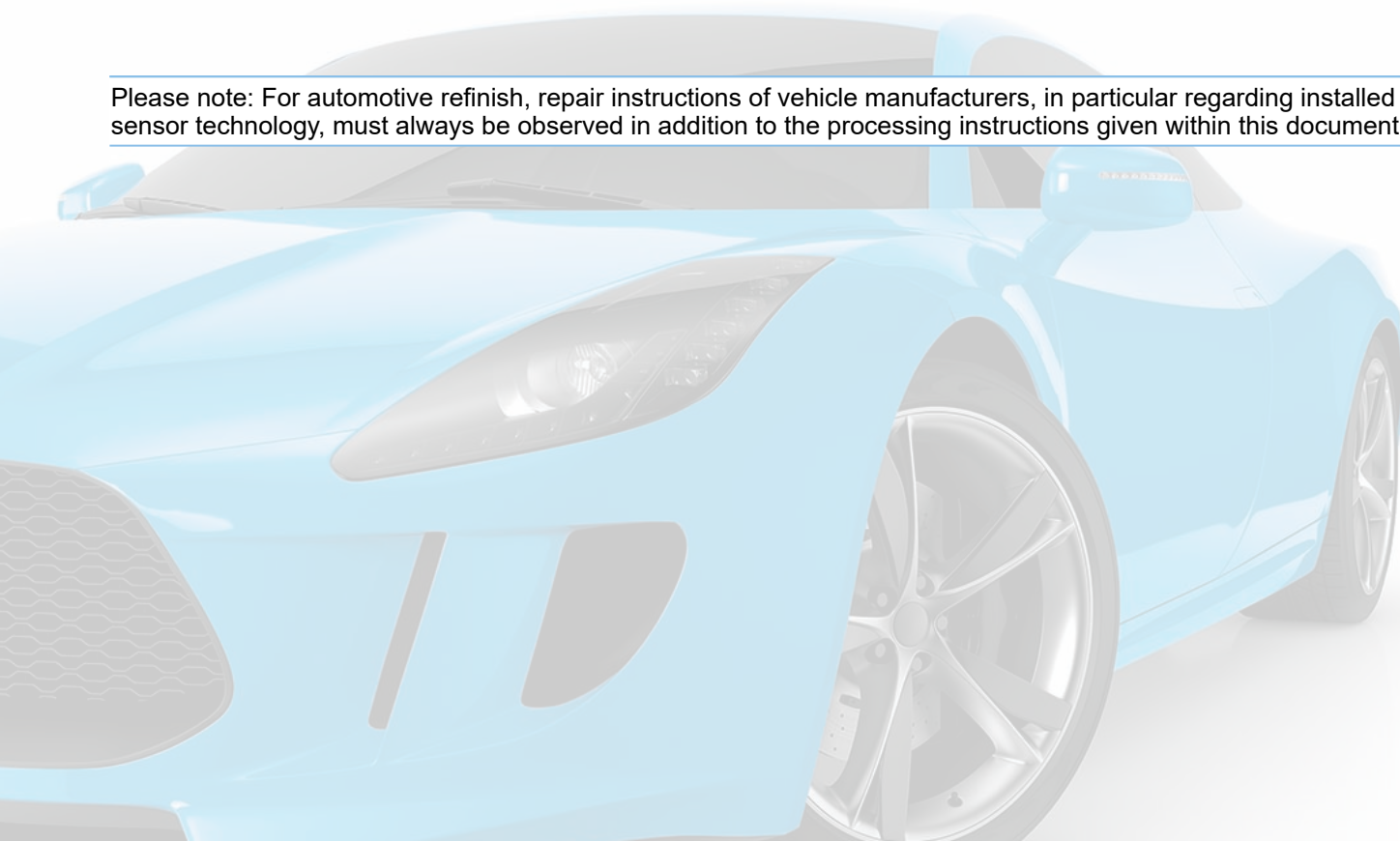


HS Universal Clear VOC

### Drying

	<b>Drying at 20°C</b>	50-415: 6 h 50-420: 10 h 50-430: 16 h
	<b>Drying at 60°C</b>	50-415: 20 min 50-420: 30 min 50-430: 40 min
	<b>Infrared (short wave)</b>	8 min
	<b>Infrared (medium wave)</b>	10-15 min

Please note: For automotive refinishing, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document.



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