

# Technical Information Sheet

## ULTRA LOW VOC CLEAR COAT 80-109

### APPLICATION DATA

	Mixing Ratio	:	<u>1.9 VOC</u> 2:1 by volume with LV Hardenes 80-170 or 80-180 For best results use 10% 1-141, 1-151, 1-161 or 1-171 Uni Thinner <u>3.2 VOC</u> 2:1 by volume with MS Hardeners 47-35, 47-55 or 47-65. For best results reduce 10% with 1-1000.	
	Application-Viscosity @ 20°C/70°F DIN CUP 4 mm	:	19 - 20 sec.	
		:	Gravity Feed Suction Feed HVLP/LVLP	<u>Nozzle diameter (mm)</u>  1.3-1.5 1.4-1.6 1.3-1.5
	Spray Coats/ Film Thickness	:	2 coats 2-2.5 mil	
	Flash-off	:	10 – 15 min	
	Drying*	:	<u>80-170 / 80180</u> 12 hr 16hr	<u>80-170 / 80-180</u> 30min 45min
	Potlife @ 20°C/70°F	:	<u>80-170 / 80-180</u> 2-3 hrs 4-5 hrs	

\*Dry time and pot life will vary depending on activator selection, reducer selection, and atmospheric conditions

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<b>Field of application</b> WaterBase 900 Series.	: For application as a clear topcoat over BeroBase 500 Series, and Suitable for passenger cars.
<b>Chemical basis</b>	: Clear acrylic 2K finish based on highly durable hydroxy-acrylic and polyester polymers.
<b>General qualities</b>	: Ultra Low VOC Clear Coat 80-109 is a 2K high-gloss finish, is very easy to use, and may be air-dried or force-dried.
<b>Auxiliary materials</b>	: 80-170 / 80-180 1-141 / 1-151 / 1-161 / 1-171 47-35 / 47-55 / 47-65 1-000 LV Hardeners Uni Thinners MS Hardeners Zero VOC Diluent
<b>Mixing ratio (volume)</b>	: 2.1 VOC- 2:1:10% (Clear: LV Hardener: Uni Thinner) 3.1 VOC- 2:1:10% (Clear: 2K or MS Hardeners: Zero VOC Diluent)
<b>Physical properties</b>	
Density	: 9.5 lbs/gal
Flashpoint	: -4°F
Vol.% solids	: 35.5%.
VOC as applied	: 1.9-3.2 lbs/gal
<b>Gloss</b>	: High gloss.
<b>Substrates</b>	: BeroBase Series 500 WaterBase Series 900 Properly prepared OEM or 2K finishes
<b>Cleaning the equipment</b>	: Lacquer Thinner or 1-000 Zero VOC Diluent (check local regulations)
<b>Colour</b>	: Clear.
<b>Storage life</b>	: Under normal storage conditions for up to two years (unopened tins).