

Technical Data Sheet

Product Name	
Full Product Name	LV-201 No Mix Single Stage Converter
Type of Product	2K converter
Description	<p>Concept LV-201 No Mix Single Stage Converter is a clear base designed to be used with Concept No Mix_LV Basecoat system. The base converts No Mix_LV into a Single Stage (2K) system. After mixing with Concept LV-224, LV-234 or LV-244 No Mix Single Stage Activator an application VOC of less than 340g/L or 2.85lbs/US gal, in accordance with USA legislation, is achieved.</p> <p>When converted, the resulting single stage product is characterised by excellent flow, high gloss as well as excellent chemical resistance and durability.</p>

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/mL	lbs/US gal
No Mix LV Toners	Depending on the colour					
LV-201 No Mix SS Converter	54.1	58.6	1.029	8.59	425.6	3.55
LV-224 No Mix SS Activator Fast	56.0	54.1	1.202	10.03	551.5	4.60
LV-234 No Mix SS Activator Med.	56.0	54.0	1.202	10.03	551.7	4.60
LV-244 No Mix SS Activator Slow	55.9	54.0	1.202	10.03	551.9	4.61
Zero VOC Reducer	0.0	0.0	1.178	9.83		
Zero VOC Reducer - Slow	0.0	0.0	1.254	10.47		

Properties
<ul style="list-style-type: none"> Excellent flow.
<ul style="list-style-type: none"> High gloss.

Substrates

Concept 2K HS Primer.

Sound existing surfaces, except for unstable surfaces such as nitrocellulose and enamels.





Substrate Preparation



All Substrates










All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application.

Product Preparation




 Mixing Ratio (by volume),	Concept No Mix LV Colour	Concept LV-201 No Mix SS Converter	Concept LV-224 or LV-234 or LV-244 No Mix SS Activator	Concept Zero VOC Reducer
Mixing Instructions:	1 part	2 parts	1 part	1 part
Step 1: Step 2: Step 3: Step 4: Step 5: Step 6: Step 7:	Measure out one part by volume of Concept No Mix LV Colour. Add two parts by volume of Concept LV-201 No Mix Single Stage Converter into the colour. Stir thoroughly until the mixture is uniform. (At least two minutes) Add one part by volume of Concept LV-224, LV-234, or LV-244 No Mix Single Stage Activator into the mixture of colour and converter. Stir thoroughly until the mixture is uniform. (At least two minutes) Add one part by volume of Concept Zero VOC Reducer into the mixture of colour, converter and activator. Stir thoroughly until the mixture is uniform (at least two minutes).			
 Reducer	Refer Step 6, above.			
 Pot life @ 25°C (77°F)	1.5-2 hours.			
 Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	17-18 s. 15-16 s.		

Technical Data Sheet

Product Preparation cont.

 Spray equipment	Gun type	Fluid Tip	Spray Pressure	Spray Distance
	Gravity Feed	1.2-1.4 mm 0.047-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
	Suction Feed	1.5-2.0 mm 0.059-0.079"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
	HVLP	1.2-1.3 mm 0.047-0.051"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch
	Airless, Air Assisted, Electrostatic	Consult the manufacturer's instructions.		
	Number of coats	2-3.	Apply one light coat followed by one or two even full coats. Avoid heavy wet coats.	
	DFT Recommended	40-50 µm. 1.6-2.0 mils.		
	Flash off time @ 25°C (77°F)	5-10 min between coats.		
	Air Dry @ 25°C (77°F)	16 – 24 hours.		
	Low Bake @ 50°C (122°F)	30 – 40 min.		
This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use.				

Remarks

	Stir all products thoroughly each time before use. Stir the mixture well after the weigh-out of the components.
	Before application a colour comparison is recommended.
	Surface temperature must always be a minimum of 3°C (5°F) above the dew point.

Equipment Cleaning

Use recommended Concept Paints cleaner such as Concept Gunwash or Multi-Thinner.

Dry Film Properties

After 7 days drying,
when compared to similar technology products.

Durability	Excellent.
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Chemical Resistance	Excellent.
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Product Data

Colour	Water white.
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Theoretical Coverage	Refer to the Technical Data Sheet for No Mix LV baseco
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Shelf Life	36 months in an unopened container at room temperature, away from sunlight.
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Product Packaging

Product Code 1	Product Code 2	Product Name	Package Size
A14/LV201		LV-201 No Mix SS Converter	4L, 20L
A14/LV01-LV104		No Mix LV Toners	250 mL, 1L ^{*)}
A14/LV224		LV-224 No Mix SS Activator Fast	1L
A14/LV234		LV-234 No Mix SS Activator Med.	1L
A14/LV244		LV-244 No Mix SS Activator Slow	1L
A08C/LVRED	8079200	Zero VOC Reducer	4L, 20L
A08C/LVREDS	8079100	Zero VOC Reducer - Slow	4L, 20L

^{*)} Refer to Technical Data Sheet for No Mix LV basecoat

Safety

For automotive and industrial use only by professional painters. Not recommended for sale to, or use by the general public. Before using, read and follow all label and Safety Data Sheet (SDS) precautions. If mixed with other components, the mixture will have hazards of all individual components.

Read and understand the Guidelines for the Safe Handling and Use of Isocyanate Containing Paints, including the use of approved respiratory protection and Personal Protective Equipment. Use only in a well-ventilated approved spray booth, according to local regulations.

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This Technical Data Sheet supersedes all previous issues.

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