


Technical Data Sheet

Product Name	
Full Product Name	455 Lacquer Black
Type of Product	1K Nitrocellulose Lacquer Topcoat
Description	Concept 455 Lacquer Black is a fast-drying nitrocellulose based lacquer topcoat, designed for a wide range of applications, such as subframes, fixtures, and other automotive and industrial components.









Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
455 Lacquer Black	11.7	16.2	0.912	7.61	764.0	6.38
808 Multi Thinner	0.0	0.0	0.805	6.71	803.5	6.71

Properties
<ul style="list-style-type: none"> • Good appearance and coverage • Fast drying



Substrates
<ul style="list-style-type: none"> • Concept 103 Etch Primer • Concept 111 Universal Primer • Sound enamel and lacquer surfaces.

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

Product Preparation

	Reducer	Up to 30% (v/v) of Concept 808 Multi-Thinner, if required			
	Pot life @ 25°C (77°F)	N/A			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup	18-20 s		
		Ford 4 Cup	16-17 s		
	Spray equipment	Gun type	Fluid tip	Spray pressure	Spray Distance
		Gravity feed	1.3-1.4 mm 0.051-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		Suction feed	1.3-1.4 mm 0.051-0.055"	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
	Number of coats	2-3	Apply one coat followed by one or two even full coats. Avoid heavy wet coats.		
	DFT Recommended	20-30 µm 0.8-1.2 mil			
	Flash off time @ 25°C (77°F)	5 min between coats			
	Drying	Air Dry @ 25°C (77°F)	1-2 hours		
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.
	Surface temperature must always be a minimum of 3°C (5°F) above dew point.

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Equipment Cleaning

Use recommended Concept Paints 035 Gunwash

Dry Film Properties

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

Gloss

Semi-gloss

Adhesion

Excellent

Product Data

Colour

Black

Theoretical Coverage

Approx. 3.0 m²/L (120 ft²/US gal) @ recommended DFT

Shelf Life

36 months in an unopened container at room temperature, away from sunlight.

Product Packaging

Product Code

Product Name

Package Size

IN4557000000X
AU8089200000X

455 Lacquer Black
808 Multi Thinner

1L, 4L, 20L
1L, 4L, 20L

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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