


# Technical Data Sheet

Product Name	
Full Product Name	<b>Radiator Black</b>
Type of Product	1K enamel topcoat
Description	Concept Radiator Black is a 1K fast drying enamel, specifically designed for use on radiators, and is characterised by its excellent appearance, adhesion and flow properties.









Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
Radiator Black	29.5	36.2	0.923	7.70	588.5	4.91
804 Enamel Thinner	0.0	0.0	0.802	6.69	802.0	6.69



Properties
<ul style="list-style-type: none"> <li>Fast drying and good opacity</li> <li>Excellent adhesion</li> <li>Excellent flow</li> </ul>

Substrates
<ul style="list-style-type: none"> <li>Mild steel</li> <li>Previously painted radiators in sound condition</li> </ul>

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

## Product Preparation

	<b>Reducer</b>	Up to 20% reduction with Concept 804 Enamel Thinner, if required			
	<b>Pot life</b> @ 25°C (77°F)	N/A			
	<b>Spray viscosity</b> @ 25°C (77°F)	<b>BSB 4 Cup</b>	18-19 s		
		<b>Ford 4 Cup</b>	16-17 s		
	<b>Spray equipment</b>	<b>Gun type</b>	<b>Fluid tip</b>	<b>Spray pressure</b>	<b>Spray Distance</b>
		<b>Gravity feed</b>	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
		<b>Suction feed</b>	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
		<b>HVLP</b>	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
	<b>Number of coats</b>	2	Apply one coat followed by one even full coat. Avoid heavy wet coats.		
	<b>DFT Recommended</b>	30-40 µm 1.2-1.6 mils			
	<b>Flash off time</b> @ 25°C (77°F)	5 min between coats			
	<b>Drying</b>	<b>Air Dry</b> @ 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.

Equipment Cleaning
Use recommended Concept Paints 035 Gunwash

Dry Film Properties	After 7 days drying, <b><u>when compared to similar technology products.</u></b>
Gloss	Excellent
Adhesion	Excellent
Metal Protection	Excellent

Product Data	
Colour	Black
Theoretical Coverage	Approx. 7.0 m <sup>2</sup> /L (285 ft <sup>2</sup> /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
AU46770060020 IN8049200000X	Radiator Black 804 Enamel Thinner	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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