Date: 21st October 2021



Technical Data Sheet

Product Name	
Full Product Name	Radiator Black
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 %	Den s g/mL lb	sity s/US gal	VC g/L الا)C bs/US gal
Radiator Black 804 Enamel Thinner	29.5 0.0	36.2 0.0	0.923 0.802	7.70 6.69	588.5 802.0	4.91 6.69

Properties

- Fast drying and good opacity
- Excellent adhesion
- Excellent flow

Substrates

- Mild steel
- Previously painted radiators in sound condition

Substrate Preparation

All Substrates

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

Date: 21st October 2021

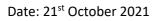
Technical Data Sheet

Version:02

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Product Preparation						
	Reducer	Up to 20% reduction with Concept 804 Enamel Thinner, if required				
AB	Pot life @ 25°C (77°F)	N/A				
S	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup				
	Spray equipment	Gun type			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		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	Apply one coat followed by one even full coat. Avoid heavy wet coats.			
	DFT Recommended	30-40 μm 1.2-1.6 mils				
$\frac{\langle \mathbf{h}, $	Flash off time @ 25°C (77°F)	5 min between coats				
	Drying	Air Dry 1-2 hours @ 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.						



Technical Data Sheet



Remarks	
	Stir all products thoroughly each time before use. Stir the mixture well after the weigh-out of the components.
P°F / °C	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, when compared to similar technology products.		
Gloss	Excellent		
Adhesion	Excellent		
Metal Protection	Excellent		

Product Data		
Colour	Black	
Theoretical Coverage	Approx. 7.0 m ² /L (285 ft ² /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

Date: 21st October 2021

Technical Data Sheet



Version:02

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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