

Technical Data Sheet

Product Name	
Full Product Name	Concept Adhesion Promoter (C.A.P)
Type of Product	Adhesion promoter
Description	Concept Adhesion Promoter (C.A.P) is a 1K ready for use adhesion promoter, designed to improve adhesion to a wide variety of substrates, including original OEM surfaces. It is characterised by its good flow properties and can be recoated with the entire range of Concept's products.

Products						
Product Name	Volume Solids	Weight Solids	Density		VOC	
	%	%	g/mL	lbs/US gal	g/L	lbs/US gal
Concept Adhesion Promoter (C.A.P)	12.4	16.0	0.917	7.65	770.2	6.43

Properties
<ul style="list-style-type: none"> • Ready for use
<ul style="list-style-type: none"> • Excellent flow

Substrates
<ul style="list-style-type: none"> • Original OEM surfaces, including properly prepared plastic substrates (always check first)
<ul style="list-style-type: none"> • OEM electrostatic primers
<ul style="list-style-type: none"> • Sound existing surfaces except for unstable surfaces such as nitrocellulose or enamels.

Technical Data Sheet

Substrate Preparation



All Substrates

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

Product Preparation



Reducer

Not required – product supplied ready for use



Pot life
@ 25°C (77°F)

N/A



Spray viscosity
@ 25°C (77°F)

BSB 4 Cup
Ford 4 Cup

12-13 s
10-11 s



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

1.2-1.4 mm
0.047-0.055"

200-240 kPa
2.0-2.4 bar
30-35 psi

15-20 cm
6-8 inch



HVLP

1.2-1.4 mm
0.047-0.055"

40-70 kPa
0.4-0.7 bar
6-10 psi

15-20 cm
6-8 inch



Number of coats

1-2

Apply one or two even coats.
Avoid heavy wet coats.



DFT Recommended

7-10 µm
0.3-0.4 mils



Flash off time
@ 25°C (77°F)

5 min between coats



Drying

Air Dry
@ 25°C (77°F)

10-15 min





Recoating

5-10 minutes at 25°C (77°F)
Note: If left for longer than 40 min, Concept Adhesion Promoter must be re-applied.

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.
	Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Equipment Cleaning

Use recommended Concept Paints cleaner

Dry Film Properties

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

Intercoat Adhesion

Excellent

Product Data

Colour	Semi-transparent
Theoretical Coverage	Approx. 10.0 m ² /L (405 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature away from sunlight.

Product Packaging

Product Code 1	Product Code 2	Product Name	Package Size
A04C/CAP	1159000	Concept Adhesion Promoter (C.A.P)	1L, 4L

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.

The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check if the information is current and the product is suitable for its intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved.

We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.

This Technical Data Sheet supersedes all previous issues.

Concept Paints
26-30 Charles Street
St Marys NSW 2760
Sydney, Australia

ph. +61 (2) 9673 2555
fax. +61 (2) 9623 1918
info@conceptpaints.com.au
www.conceptpaints.com.au