



Technical Data Sheet

Acrylic Clear

1K Acrylic Clearcoat

Date: 21st October 2016

Version:01

Product Name

Full Product Name	Acrylic Clear
Type of Product	1K acrylic clearcoat
Description	Spray Chief Acrylic Clear is a high gloss 1K acrylic clearcoat designed for both acrylic and basecoat systems. It is characterised by its flexibility, excellent adhesion, UV protection and durability.

Products

Product Name	Volume Solids	Weight Solids	Density		VOC	
	%	%	g/mL	lbs/US gal	g/L	lbs/US gal
Acrylic Clear	28.1	34.5	0.944	7.88	617.9	5.16
Acrylic Thinner	0.0	0.0	0.840	7.01	839.8	7.01

Properties

- Excellent adhesion
- High gloss

Substrates

- Candy Apple, Candy Pearl, Candy Apple – Rainbow Finish, Black Pearl, Fluro, Clear Pearl and Shim'r



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Substrate Preparation



All Substrates

All surfaces must be clean and free from any contamination prior to application.

Product Preparation



Reducer

150% (v/v) of Spray Chief Acrylic Thinner
If required 5 – 10% (v/v) of Concept Retarder may be added to minimize blooming.



Pot life @ 25°C (77°F)

N/A



Spray viscosity @ 25°C (77°F)

BSB 4 Cup
Ford 4 Cup

18-19 s
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

3-4

Apply three to four 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



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
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Product Preparation cont

	Drying	Air Dry @ 25°C (77°F)	40-60 min
	Polishing	Sand thoroughly with P1200 before polishing.	

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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 Spray Chief cleaner

Dry Film Properties

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

Adhesion	Excellent
Durability	Excellent
Flexibility	Excellent
UV Protection	Excellent



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Colour	Water white
Theoretical Coverage	Approx. 5 m ² /L (205 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
A16/CLR A16/ACR	8669000 8689200	Acrylic Clear Acrylic Thinner	1L, 4L 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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