

C 9000

High Solids Clear Coat

1-Characteristic properties:

C9000 is a Two-Component acrylic polyurethane high solids clear coat especially formulated for spraying over base coat to give it very high gloss and excellent appearance. C9000 is characterized by its very high weathering and chemical resistance, also its gloss retention is outstanding. Using C9000 will produce environmental friendly end products that complies with the international regulations without losing any of the properties customers would expect from a normal medium solids system.

2-Materials for application:

Clear coat (C9000)
Hardener (Kapci 653)

3-Suitable substrates & Surface preparation

This product is specially designed for application over base coat metallic finishes "Kapcibase".

4-Mixing ratio (by volume):

Clear coat (C9000)
100

Hardener (Kapci 653)
33

5-Pot life

When mixed: 3 hours at 20°C.

6-Spraying viscosity

18-20 Sec Ford cup No. 4 at 20°C.

7-Spraying process:

-Apply 3 single coats

-Allow 5-10 minutes for flash -off time between coats.

-Dust ingress and minor damages in clear coat can be polished out after allowing to dry for 2 days at 20°C or minutes at 60°C then flat off with superfine sand paper afterwards polish the area manually or mechanically.

8-Spraying conditions

Spray gun	Nozzle diameter	Working pressure
Gravity feed	1.2-1.5 mm	3-4 bar
Suction feed	1.4-1.6 mm	3-4 bar

9-Coverage:

6.5- 7.5 m²/l (for 3 wet single coats of paint as supplied)

The data on the label of the products must be considered.

Storage and transportation should comply with the local laws

The information given in this data sheet is based upon our best knowledge and experience with the application conditions set to Kapci standards. The customers are requested to verify the results by their own selves to make sure that the product is suitable for their applications and application conditions.

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Issued on 30/10/2000

Page 1 of 2

Printed 28/04/2001

10-Cleaning of equipment

Use Kapci thinner 600 or nitrocellulose thinner.

11-Drying times

	At 20°C	At 60°C
Dust free	45 min	5 min
Tack free	3.5 hr	15 min
Hard dry	16 hr	45 min

12-Packaging:

1 Liter and 3.75 Liter

13-Color:

Transparent

14-Shelf life:

24 months at 20°C.

15-Material safety data

When using these products it is required to comply with the national regulations for health and safety.

16-Flash points and transport classification

Product	Flash point	ADR transport code
Clear coat C9000	21-55 °C	3-31C

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Page 2 of 2

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