



TECHNICAL DATA SHEET No. 46

ACRYLIC CLEARCOAT STANDARD 2K MS 2:1

Product intended for professional use.

PRODUCT RANGE:

43 193	Acrylic clearcoat STANDARD 2K MS 2:1 500 ml
43 196	Hardener STANDARD Normal 1:2 250 ml
43 197	Hardener STANDARD Fast 1:2 250 ml
43 168	Acrylic clearcoat STANDARD 2K MS 2:1 1 L
43 172	Hardener STANDARD Normal 1:2 500 ml
43 213	Hardener STANDARD Fast 1:2 500 ml
43 169	Acrylic clearcoat STANDARD 2K MS 2:1 5 L
43 173	Hardener STANDARD Normal 1:2 2.5 L
43 250	Hardener STANDARD Fast 1:2 2.5 L
43 146	Thinner for acrylic products 500 ml
43 230	Thinner for acrylic products 5 L

CHARACTERISTICS:

Economy-class clearcoat designed for overhauls and local repairs. Very good flow, ease of application and short drying time enable quick and trouble-free paint repairs. Resistance to UV rays and changing weather conditions guarantees very good coat appearance and durability. Standard clearcoat is very easy to polish using generally available polishing systems. Ideal for renovation of vintage vehicles.

PHYSICAL AND CHEMICAL PROPERTIES:

Colourless liquid with a solvent-ester smell.
Volatile organic compounds content in ready-to-use product < 840 g/L.

APPLICATIONS:

SUBSTRATE:

- solvent-borne basecoats,
- paint coatings,
- wood,
- water-borne basecoats,
- plastics.



PRODUCT PREPARATION:

INGREDIENTS:		MIXING PROPORTIONS BY VOLUME
	STANDARD clearcoat	2
	STANDARD hardener	1
Mix the clearcoat with hardener thoroughly; mix until a homogeneous consistency.		
Do not exceed the recommended amounts of hardener.		

HARDENER USED:

Normal or Fast Standard hardener sold together with the clearcoat.

SPRAY VISCOSITY:

SPRAY VISCOSITY	
	16 - 17 s, Ø 4/20°C


APPLICATION:

	Apply with a spray gun equipped with a 1.2 - 1.4 mm diameter nozzle at the pressure recommended by the equipment manufacturer. Number of layers: 2 - 2.5
	Mixture pot life: up to 60 minutes at 20°C
	Evaporation time between layers: 10 - 12 minutes at 20°C.

APPLICATION CONDITIONS:

Use at temperatures from 10°C to 28°C and relative humidity ≤ 75%

**DRYING TIME:**

	Dust dry:	30 minutes at 20°C	
	Usable hardness:	20°C - 14 hours	
		60°C - 35 minutes (and after the ambient temperature has been reached)	
	IR heater	Flash-off	3 - 4 minutes
		Full-bake	8 - 10 minutes*
		* Complete the procedure, then cool the processed part down to the ambient temperature, and repeat the full-bake process.	
Full cure:	4 days		
Temperatures below 20°C extend the curing time.			

CLEANING THE EQUIPMENT:

Clean the equipment immediately after work, using:

POLFILL NITRO thinner
POLFILL thinner for acrylic products

STORAGE:

Store in original, tightly closed containers, in a dry, cool place, away from sources of heat and ignition, at a temperature 5 to 25°C. Do not expose to direct sunlight.

WARRANTY PERIOD:

The warranty period is given on the product label.

HEALTH & SAFETY RECOMMENDATIONS:

Product safety data sheet and applicable health and safety regulations for working with chemical agents.

The information contained in this sheet has been developed based on our knowledge and practice. However, no individual product properties can be guaranteed under different conditions of use beyond our control. Therefore, we cannot accept full responsibility for the results obtained in specific conditions of use. It is necessary to test the application of the product on a small area, due to the potential differences in the product performance depending on the substrate on which it is applied. We guarantee proper quality when used in accordance with the instructions contained in this Technical Data Sheet.