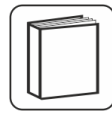
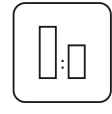
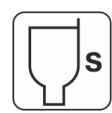
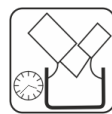


TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

ULTRA FAST DRYING HS 2:1 2K URETHANE CLEARCOAT VOC 2.1		
PRODUCTS		
Ultra Fast Drying HS 2:1 – 2K Urethane Clearcoat VOC 2.1 Hardener 1:2 for Ultra Fast Drying 2K Urethane Clearcoat		
PRODUCT DESCRIPTION		
Ultra Fast Drying HS 2:1 Clearcoat VOC 2.1 for automotive refinishing is a premium ultra fast cure clear coat for spot and panel top coating. High solids clearcoat that's very easy to apply, offers exceptional clear and superior finish. With Ultra Fast Drying VOC 2.1, a body shop can clearcoat, polish and deliver a vehicle in the same day! You don't need to reduce it to be processed quickly! These advantages translate into less energy usage and more profit per job. • Easy mixing the clear with hardener, does not require reducers! • Ultra fast drying and polishing times. • High gloss.		COLOR: transparent
		GLOSS GRADE: high gloss

VOLATILE ORGANIC COMPOUNDS	
VOC = 237.364 g/l - 1.980 lb/gal (< 2.1 lbs/gal)	
SURFACE PREPARATION	
Urethane clearcoats can be applied over: • Basecoats. • Properly cleaned and sanded OEM finishes.	For application over recommended basecoat system: • Allow basecoats sufficient dry times. • Over OEM sand finish dull with P800 or gray scuff pad.

APPLICATION PROCESS			
	USE		NUMBER OF COATS & SPRAY GUN SETTINGS
	For fast car body paint repair that requires a durable finish.		2 coats: 2 full coats, total dry film thickness of 50–60 µm (2.0–2.4 mils). Compliant (RP) spray gun: 1.2÷1.4 mm; Pressure of input: 29÷32 psi (2.0÷2.2 bar) HVLP spray gun: 1.3÷1.4 mm; Inlet pressure: 26÷29 psi (1.8÷2.0 bar), Air cap pressure: 9÷10 psi (0.6÷0.7 bar) Note: follow the gun producer's recommendations.
	MIXING RATIO by volume		HARDENING TIME
	Clearcoat 2 parts Hardener 1 part This clearcoat does not require reducer!		Dust free: after approx. 15 minutes Touch free: after approx. 30 minutes Ready to installation: after approx. 90 minutes Temperature below 20°C (68°F) significantly increases the hardening time
	SPRAYING VISCOSITY		IR DRYING
	16÷17 seconds at 20°C (68°F)/DIN4.		7÷15 minutes short waves, depending on applied coat thickness, ambient temperature and the type of equipment (short wave infrared lamp). Comply with the recommendations of the manufacturer.
	POT LIFE		
	60 minutes at 20°C (68°F)/DIN4.		
	FLASH-OFF TIME		
	Between layers: 8÷10 minutes		

PRODUCT EFFICIENCY

1 liter of mixture is enough to cover approx. 10,5 m² (113 ft²), yielding a dry film thickness of 50 µm (1,97 mils).

POLISHING AND REMOVING IMPURITY INCLUSIONS

Usually polishing is unnecessary, as the Ultra Fast Drying Clear Coat 2:1 gives the surface a perfect look immediately after having been used. However, if some dirt inclusions appear, one recommends removing them wet, using abrasive paper with gradation of 1500-2000 and then polishing the surface with abrasive compound.

The easiest way of polishing 2K-surfaces is to do it 6÷24 hours after the film cooled down.

GENERAL NOTES

- Do not exceed recommended doses of the hardener!
- Using such clear coats one shall remember of spraying first the edges and cavities and leaving front surfaces for the last stage of application process. Thus we can avoid superfluous dust creation and achieve smooth surface.
- Best results of application are achieved when using a professional chamber-oven, or when varnishing in a room specially suited for this goal, at least at room temperature, i.e. at 20°C (68°F).
- The best repair results can be achieved at room temperature. The temperature in the body shop and the temperature of the product should be similar.
- When working with 2K products, it is recommended to use personal protection equipment. Protect the eyes and respiratory system.
- The rooms should be well ventilated.
- Clean the guns and equipment immediately after use.

Caution: To maintain safety, always follow the instructions given in the MSDS for the products.

STORAGE

Store the product between 15 to 25°C (59 to 77°F) in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.

Note:

1. After each use the container with product should be immediately closed.
2. Protect the hardener from frost and dampness!

WARRANTY PERIOD

Ultra Fast Drying 2:1 -2K Clear Coat	– 24 months from the date of production
Hardener 1:2 for Ultra Fast Drying 2K Clear Coat	– 12 months from the date of production

PRODUCT	ART. No.
Ultra Fast Drying HS 2:1 – 2K Urethane Clearcoat VOC 2.1	13728; 2005 (1l; 5l)
Hardener 1:2 for Ultra Fast Drying 2K Urethane Clearcoat	13729; 1673 (0,5l ; 2,5l)

LIMITATION OF LIABILITY

The information contained in the TDS is up-to-date and correct on the day the information is released.

Because TROTON can not control or predict the conditions under which a product will be used, each user should review information in the specific context of the intended usage. To the maximum extent permitted by applicable law, TROTON shall not be liable for damages of any kind arising from the use or reliance on information contained in this TDS.

Given the variety of factors that can affect the usage and application of the TROTON product, some of which are only within the user's knowledge and control range, it is essential that the user evaluate the TROTON product to determine if the product is fit for a particular purpose and whether the product is suitable for the user's usage.

Under no circumstances shall TROTON be liable to the user or any third party for any indirect, derivative, incidental, special or punitive damages, including loss of profits resulting from the use of products manufactured by TROTON and / or TROTON's services.

All information are based upon the precise laboratory studies and many years of experience. The good market position does not release us from the constant supervision of our products quality. However, we are not responsible for the final effects of the improper storage or application of our products, as well as for work inconsistent with the good craft practice.

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