










TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

MS 2:1 ACRYLIC CLEARCOAT	
PRODUCTS	
MS Acrylic Clear Coat 2:1 – Topcoat Clear Coat STANDARD Hardener 1:2 for MS Acrylic Clear Coat SLOW Hardener 1:2 for MS Acrylic Clear Coat - dedicated to temperatures > 25°C FAST Hardener 1:2 for MS Acrylic Clear Coat - dedicated to temperatures < 18°C Thinner for acrylic systems MULTI FÜLLER	COLOUR: transparent GLOSS GRADE: high gloss
PRODUCT DESCRIPTION	
<p>Transparent 2K acrylic clear coat with high gloss and increased scratch resistance SR (Scratch Resistant). It is characterized by a very universal application. The clear coat is easy to apply and ready to use without the addition of a thinner. The availability of 3 versions of the hardener (standard, fast, slow) allows users to work in different temperature conditions.</p> <ul style="list-style-type: none"> • Ready to use without the addition of thinner. • Easy application and universal use. • High gloss. • Hard and durable finish. • Increased scratch resistance SR. • Good levelling 	

VOLATILE ORGANIC COMPOUNDS	
VOC for the mixture = 539 [g/l] This product meets the EU directive (2004/42/EC/II B) that sets the VOC value for its category (e), at 840 g/l.	
SURFACE PREPARATION	
Acrylic Clear Coats can be applied over: <ul style="list-style-type: none"> • Base Coats, • Old finishes in good condition after matting and degreasing. 	For matting we recommend the following: <ul style="list-style-type: none"> • grey abrasive fabric with a polishing compound, • sanding paper with gradation of 600÷800 (wet sanding), • sanding paper with gradation of 360÷500 (machine sanding).

APPLICATION PROCESS			
	USE For car body paint repair that requires a durable finish.		EVAPORATION TIME Between layers: 5÷10 minutes Before baking: approx. 10 minutes
	MIXING RATIO by volume Clear Coat 2 parts Hardener 1 part This clear coat does not require thinner!		NUMBER OF LAYERS 2 full layers, total dry film thickness of approx. 30 µm.
	SPRAYING VISCOSITY 15÷17 seconds at 20°C DIN4.		RP gun parameters: Nozzle: 1.3÷1.4mm; Pressure of input: 2.0÷2.2 bars. HVLP gun parameters: Nozzle: 1.3÷1.4mm; Inlet pressure: 2.0 bars.
	POT LIFE Approx. 5 hours at 20°C.		Note: follow the gun producer's recommendations.
	HARDENING TIME Hardening time at 20°C Dust free: after about 35-40 minutes. Ready to polish: after drying overnight. At panel temperature of 60°C Clear coat is ready to polish after about 30 minutes of baking and cooling down (about 2 hours). Temperatures below 20°C significantly increases the drying time.		IR DRYING 15÷20 minutes of short waves, , depending on the layer thickness and the type of radiator. Do not exceed 60°C. Use as recommended by the equipment manufacturer. Wait about 10 minutes before starting the heater drying.

PRODUCT EFFICIENCY

1 liter of mixture is enough to cover 8 m² with a dry layer with thickness of 50 µm.

SHADING

Make sure you have covered all the surface with the clear coat. You should only shade the surface that has been covered and treated. Use FADE OUT THINNER to clean any dust or dirt from the surface and to level out the optical gloss differences between the older and new applied coating.

POLISHING AND REMOVING IMPURITY INCLUSIONS

Usually polishing is unnecessary, as the MS 2:1 Acrylic Clear Coat gives the surface a perfect look immediately after application. However, if some dirt inclusions appear, we recommend removing them and then polishing the surface with an abrasive compound.

GENERAL NOTES

- Do not exceed recommended doses of the hardener!
- 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 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

MS Acrylic Clear Coat 2:1	– 24 months from the date of production
SLOW Hardener 1:2 for MS Acrylic Clear Coat	– 12 months from the date of production
STANDARD Hardener 1:2 for MS Acrylic Clear Coat	– 12 months from the date of production
FAST Hardener 1:2 for MS Acrylic Clear Coat	– 12 months from the date of production
Thinner for acrylic systems MULTI FÜLLER	– 24 months from the date of production

PRODUCT	ART. No
MS Acrylic Clear Coat 2:1	10158; 8393 (1l; 5l)
SLOW Hardener 1:2 for MS Acrylic Clear Coat	15409; 15410 (0,5l; 2,5l)
STANDARD Hardener 1:2 for MS Acrylic Clear Coat	10159; 8395 (0,5l; 2,5l)
FAST Hardener 1:2 for MS Acrylic Clear Coat	15408; 9247 (0,5l; 2,5l)
Thinner for acrylic systems MULTI FÜLLER	300002258; 300002260 (1l; 5l)
Thinner for acrylic systems Slow MULTI FÜLLER	14712 (5l)
Thinner for acrylic systems Fast MULTI FÜLLER	14713 (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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