

## TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

<h3>TOP COAT RAL COLOURS 2:1</h3>		
<b>PRODUCTS</b> MS Acrylic Paint 2:1 – Colour Topcoat Hardener 1:2 for MS Acrylic Paint Thinner for acrylic systems		
<b>PRODUCT DESCRIPTION</b> 2K acrylic topcoat with increased scratch resistance SR (Scratch Resistant) and climatic factors.		<b>COLOUR:</b> yellow ~RAL 1028 ~RAL 1003, red ~RAL 3020, blue ~RAL 5005, grey ~RAL 7021, green ~RAL 6005, light grey ~RAL 7035, anthracite ~RAL 7016, black ~RAL 9005, white ~RAL 9010 ~RAL 9016
<ul style="list-style-type: none"> <li>• Very good levelling.</li> <li>• Very good coverage.</li> <li>• Hard and durable coat.</li> </ul>		

<b>VOLATILE ORGANIC COMPOUNDS</b> VOC for mixture = 550 [g/l] This product meets the EU directive (2004/42/EC/II B) that sets the VOC value for its category (C), at 840 g/l.	
<b>SURFACE PREPARATION</b>	
MS Acrylic Paints can be applied over:	Good surface preparation is necessary for achieving best results.  For matting we recommended the following:
<ul style="list-style-type: none"> <li>• 2K acrylic primers.</li> <li>• 2K epoxy primers.</li> <li>• Old finishes in good condition after matting and degreasing.</li> </ul>	<ul style="list-style-type: none"> <li>- Grey Woven fabric with polishing compound.</li> <li>- Sanding paper with gradation of 600÷800 (for wet matting),</li> <li>- Sanding paper with gradation of 360÷400 (for machine matting).</li> </ul>

APPLICATION PROCESS							
	<b>USE</b> For body car repairs requiring permanent finishing.		<b>EVAPORATION TIME</b>				
			<table border="1"> <tr> <td>Between layers:</td> <td>approx. 5 minutes</td> </tr> <tr> <td>Before banking:</td> <td>approx. 10 minutes</td> </tr> </table>	Between layers:	approx. 5 minutes	Before banking:	approx. 10 minutes
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	<b>MIXING RATIO</b> by volume		<b>NUMBER OF LAYERS AND RP GUN PARAMETERS</b>				
	<table border="1"> <tr> <td>Clear coat</td> <td>2 parts</td> </tr> <tr> <td>Hardener</td> <td>1 part</td> </tr> <tr> <td>Thinner:</td> <td>10%</td> </tr> </table>		Clear coat	2 parts	Hardener	1 part	Thinner:
Clear coat	2 parts						
Hardener	1 part						
Thinner:	10%						
	<b>SPRAYING VISCOSITY</b> Approx. 18÷21 seconds at 20°C/DIN4.		<b>HARDENING TIME</b>				
	<b>POT LIFE</b> Approx. 8 h At 20°C.		<table border="1"> <tr> <td>Dust free at 20°C:</td> <td>approx. 15 minutes</td> </tr> <tr> <td>Banking at 60°C:</td> <td>approx. 20 minutes</td> </tr> </table> Temperature below 20°C significantly increases the hardening time.	Dust free at 20°C:	approx. 15 minutes	Banking at 60°C:	approx. 20 minutes
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<b>POLISHING AND ELIMINATING DEFECTS</b> Usually polishing is unnecessary, as the RAL 2:1 topcoat gives the surface a perfect look immediately after use. However, if some dirt inclusions appear, it is recommended to remove them and then polish the surface with polishing compound.
<b>PRODUCT EFFICIENCY</b> 1 liter of mixture is enough to cover approx. 8÷10 m <sup>2</sup> with a dry layer of 50 µm of thickness.

**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 Paint 2:1 – Colour Topcoat.	– 12 months from the date of production
Hardener 1:2 for MS Acrylic Paint.	– 12 months from the date of production
Thinner for acrylic systems.	– 12 months from the date of production

PRODUCT	ART. No.
MS Acrylic Paint 2:1	(1l): 13644; 13901; 13646; 13651; 13649; 14139; 14141; 13903; 2068; 2048; 2037 (3,75l): 13645; 13902; 13647; 13652; 13650; 14140; 14142; 13904; 11976; 11977; 11978
Hardener STANDARD 1:2 for MS Acrylic Paint	13707; 13708 (0,5l; 1l)
Hardener FAST 1:2 for MS Acrylic Paint	13733; 13734 (0,5l; 1l)
Thinner for acrylic systems	300002236; 300002237 (1l; 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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