

TECHNICAL DATASHEET

No. 1.360.0396

UHS Extra Clearcoat

PRODUCT DESCRIPTION

Repairers look no further, MaxMeyer's new UHS Extra Clear 0396 is everything you could want and need in a Clearcoat. Combining a fantastic finish, incredibly quick drying process and ease of use.



UHS Extra Clearcoat and its dedicated hardener and thinner have been developed by MAX MEYER® brand using the latest technology to provide an easy to use, extremely fast air-dry product, which can be used on any sized repair and delivers excellent final appearance. This provides the repairer with a clear and simple choice of clearcoat.

SUBSTRATES

AQUAMAX® BASECOAT SYSTEMS and MAXICAR®

PREPARATION

Allow basecoat to dry thoroughly before application of clearcoat.
Clean with a tackrag before clearcoat application.



	Volume
UHS Extra Clear 1.360.0396	2
UHS HARDENER 1.954.2937	1
THINNER 1.921.6076	0.6
VISCOSITY- DIN4, 20° C	18-19"
POT LIFE	45-60 min. @ 20° C.

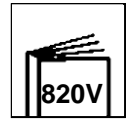
HARDENER & THINNER

Temperature (°C)	Air-Dry & Low Bake
Hardener	2937
Thinner	6076

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ADDITIVES



Texture Additive – Fine/Coarse	1.975.5500/5501	See Table on Page 3 of this TDS
Flexible Additive	1.975.1208	

APPLICATION

Gun setup: Compliant Sprayguns
 Gravity spray gun nozzle: 1.2 mm
 Pressure at the gun: As per manufacturers recommendations
 Number of coats: ½1 coats: 1 medium closed coat + 1 full coat
 Suggested thickness: 50/60 microns



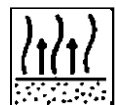
Important:

One visit application: 1. One light/medium & one full coat.
 The first coat should be applied as a light closed coat.
 Second coat is applied as a full coat

Flash off between coats: If 1 -2 panels; 1 minute flash off.

DRYING

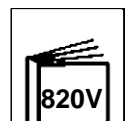
AIR DRY	20°C	Low bake	max. 40°C Panel Temperature
Dust free:	20 minutes	-----	
Dry to handle:	60 minutes	15 minutes @40°C Panel Temperature	after cooling
Polishing:	90 minutes		



RECOATABILITY

Recoatible, after sanding

GUIDELINES FOR WEIGHT MIXING



Where a specific volume of Clearcoat is required, this may be best achieved by weight mixing, using the guidelines below. The weights are cumulative - PLEASE DO NOT tare the balance between additions.

Target Volume of RFU Clear Required (Litres)	Weight Clearcoat 1.360.0396	Weight Hardener 1.954.2937	Weight Thinner 1.921.6076
100,0 ml	56,2g	86,6g	101,6g
200,0 ml	112,4g	173,1g	203,2g
300,0 ml	168,7g	259,7g	304,8g
400,0 ml	224,9g	346,2g	406,4g
500,0 ml	281,1g	432,8g	508,0g
600,0 ml	337,3g	519,3g	609,6g
700,0 ml	393,6g	605,9g	711,2g
800,0 ml	449,8g	692,4g	812,8g
900,0 ml	506,0g	779,0g	914,5g
1000,0 ml	562,2g	865,6g	1016,1g

RATIOS FOR TEXTURED FINISHES

The addition of 1.975.5500/5501 can be used to give a textured finish and 1.975.1208 for flexible finish.

The table below gives a WEIGHT MIX for various topcoat appearances, ready to spray. The weights in grams are cumulative.

PLEASE DO NOT TARE the scale between additions.

Substrate	Appearance	0396	5500	5501	1208	2937	6076
RIGID	Gloss	562,2g	-	-	-	865,6g	1016,1g
	Fine Textured	279,8g	612,6g	-	-	763,6g	980,0g
	Coarse Textured	361,4g	-	647,1g	-	816,1g	988,1g
	Appearance						
FLEXIBLE	Gloss	453,1g	-	-	605,4g	866,1g	1014,4g
	Fine Textured	205,1g	497,9g	-	601,3g	748,9g	980,7g
	Coarse Textured	273,5g	-	489,7g	627,6g	814,5g	993,5g

BEST PRACTICES WITH UHS PRODUCTS



FADE - OUT REPAIR PROCESS

- Prepare the fade out area with a 3000 grade soft pad on a DA sander.
- Apply 0396 according to the information above.
- Take care to minimise the clearcoat edge in the fade-out area.
- Immediately melt overspray edge using Spot Blender 5421.
- It is not recommended to fade out on ½ panels such as doors. It is more efficient to Clearcoat the whole panel.
- Sand the edge briefly with 3000 grade soft pad on a DA sander.
- This step is not essential but makes the polishing much easier.
- Polish with normal process system.

PAINT STORAGE CONDITIONS



Keep ready for use paint in good conditions to ensure correct viscosity. RFU temperature above a minimum of 15°C, and ideally over 18°C. This includes paint, hardeners and thinners.

MIXING AND MAKING READY FOR USE

Activate accurately, and by weight where ever possible.

Where mixing must be by volume, only use a round and parallel sided mixing container together with the correct mixing stick. If using a measuring container marked in percentages, you must be sure that the percentages give the correct quantities.

Make sure that Hardener and Thinner is mixed in well. High solids or high viscosity products can take a little longer to mix in, so a good practice is to stir Hardener in first, then add thinner before stirring again.

Use mixed product as quickly as possible.

Keep to the recommended levels of additives. Do not exceed the recommended level of additives such as Flexibilisers.

APPLICATION TECHNIQUE, PROCESS AND EQUIPMENT



Use correct spraygun set ups, and set up the spraygun correctly.

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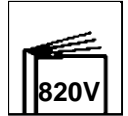
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Use a "Single Visit" application wherever possible, following the advice given in the application section.



TECHNICAL DATA

Packsize: 5 Ltr
 Storage: Store in a cool dry place away from heat
 Theoretical coverage: 10,2 sqm/l of ready for use product, 50 microns thickness



VOC INFORMATION

The EU limit for this product (product category: IIB.d) in ready for use form is max. 420g/l of VOC. The VOC content of this product in ready for use form is max. 420 g/l. Depending on the chosen mode of use, the actual ready to use VOC of this product may be lower than that specified by the EU Directive code.

NOTE:

Combinations of this product with 1.975.1208, 1.975.5500 or 1.975.5501 will produce a paint film with special properties as defined by the EU Directive code.

In these specific combinations: The EU limit value for this product (product category: IIB.e) in ready to use form is max. 840g/litre of VOC.

SAFETY AND HANDLING



These products are for professional use only and are not to be used for purposes other than those specified.

The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose.

For Health and Safety information, please refer to the material Safety Data Sheet, also available at: www.maxmeyer.com

For further information please contact:

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