



HP CLEAR UHS 0950

1.360.0950

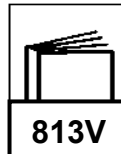
HP CLEAR UHS

HP CLEAR UHS 0950 is a 2K ultra high solid clearcoat with very low solvent content especially formulated to comply with the most restrictive legislation concerning solvent emissions.

HP CLEAR UHS 0950 is designed to be used for spot-repair, full panel, in 2-3 stage finishes. For best results and durability, 3 panels maximum are recommended in the faster drying modes.

HP CLEAR UHS 0950 can also be used on larger repairs with 2925 Hardener, to give optimum appearance with a 30 minute at 60°C drying time.

HP CLEAR UHS 0950 offers high solid content, coupled with very fast drying and strong film hardness, for repair of panels.



SUBSTRATES

AQUAMAX® Basecoat

PREPARATION

Allow *AquaMax* to dry thoroughly before application of Clearcoat.

Clean with a tackrag before clearcoat application.

	MIX RATIO / VOLUME
HP CLEAR UHS 0950	3
UHS HARDENER	1
THINNER	0.6
VISCOSITY- DIN4, 20° C	18 - 20"
POT LIFE with 2925	1 Hour @ 20°C
with 2925 + 6050 catalyst thinner	30 - 40 minutes @ 20°C

As with all Ultra High Solid products, cold ready for use paint temperatures can lead to more difficult application and overspray absorption. It is strongly recommended that ready for use product is applied at a temperature greater than 15°C.

HARDENER - THINNER

UHS HARDENERS	1.954.2925		Normal Partial and total respray
THINNER	1.911.2705	Rapid	Spot repair and full panel under 25°C
	1.911.2710	Normal	Full panel and total respray
	1.911.2720	Slow	For high temperature and IR
	1.911.2730	Extra Slow	For high temperatures above 35 °C and IR
	1.921.6050	Catalyst Thinner	For 15 minutes @ 60°C





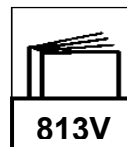
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(1.954.2925 Hardener)

ADDITIVES

Antisilicon	AD2341 (1.975.2341)	For further information see TDS No. 411V
Texture additive – Fine	1.975.5500	See Table on Page 3 of this TDS
Texture additive – Coarse	1.975.5501	See Table on Page 3 of this TDS



APPLICATION

Gun setup	Compliant Sprayguns
Gravity spray gun nozzle (mm)	1.2 - 1.3
Pressure at the gun	As per manufacturers recommendations
Number of coats	1 medium coat + 1 full coat or 2 full coats
Suggested thickness	45 - 60 microns

Important:

Single Visit Process:

Apply one medium, continuous, coat followed by one full coat. The first coat should be applied to all repair panels before the second coat is applied. For less than 3 panels, 2 - 3 minutes flash between coats. For more than 3 panels, no flash is required.



DRYING

Oven drying	with UHS hardeners 2925	30 minutes at 60°C
	with 2925 hardener / 6050 catalyst thinner	15 minutes at 60°C
Flash off before oven drying		0 - 5 minutes
INFRARED DRYING		
medium wave		15 minutes
short wave		10 minutes
Metal temperature 90°C to maximum 100°C		



RECOATABILITY

Recoatible, after sanding

POLISHING

If polishing is needed it is best to carry it out between 1 hour and 24 hours after baking time. Dirt must be eliminated with P1200 combined with a small pad followed by P1500 disc. Scratches of P1500 can be reduced by using 3M Trizact P3000 or similar making the polishing faster and easier to be done. Use a quality polish such as SPP1001. Polishing machine should be used at low speed combined with a suitable foam pad taking care not to heat up the panel. If heating up let panel cool down again then continue the polishing cycle using hard foam pad and concluding with soft foam pad.



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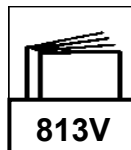
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(1.051.2025 Hardener)

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 volumes are cumulative – PLEASE DO NOT tare the balance between additions.

Target Volume of RFU Clear Required (Litres)	Weight Clearcoat 1.360.0950	Weight Hardener 1.954.2925	Weight Thinner 1.911.2705/2710/2720/2730 or 1.921.6050
0.10L	64 g	87 g	98 g
0.25L	161 g	218 g	245 g
0.33L	212 g	288 g	323 g
0.60L	385 g	523 g	588 g
0.75L	482 g	654 g	735 g
1.0L	642 g	872 g	979 g



RATIOS FOR TEXTURED FINISHES

The addition of 1.975.5500 & 1.975.5501 can be used to give a textured finish.

The table below gives a 1L 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	Clearcoat 0950	Fine Texture 5500	Coarse Texture 5501	UHS Hardener 2925	Thinner 1.911.27**
Rigid	Fine Text.	287g	641g	-	745g	946g
	Coarse Text.	392g	-	708g	850g	960g

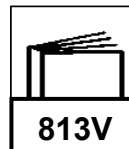


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TECHNICAL DATA

Packsizes	5 Litres
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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