

GENERAL INFORMATION

8-149 HS Tinting Surfacer is a tintable 2K polyurethane Surfacer, easy to spray as a surfacer or as a sealer, for sanding and non-sanding purposes. It is suitable for repairs and new construction.

This TDS is about the Sanding version.

MIXING RATIO



8-149		HARDENERS		THINNERS	
3:1	MM 2000 - 2099	3:1	MS Hardener	0 - 10 %	Uni Thinner
3:1	MM 2000 - 2099	4:1	HS Hardener	0 - 10 %	Uni Thinner
3:1	1-204	3:1	MS Hardener	0 - 10 %	Uni Thinner
4:1	8-414	6:1	HS420 Hardener	0 - 10 %	Uni Thinner
4:1	8-714	6:1	HS420 Hardener	0 - 10 %	Uni Thinner

Mix thoroughly after addition to the base component before adding hardener and thinner.

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,8	2/29
HE	1,3-1,8	1,8-2,0/26-29

APPLICATION



1 - 3 coat 60 - 180 µm (2,4-7,2mil)

FLASH OFF AND DRY TIMES



	AIR DRY 20°C / 68°F		FORCED DRY 60°C / 140°F	
Flash off	5 - 10 minutes	Flash off	5 - 10 minutes	
Dust free	20 - 30 minutes	Dust free	-	
Dry to handle	16 hours	Dry to handle	20 - 30 minutes	
Dry to tape	16 hours	Dry to tape	20 - 30 minutes	
Dry to sand	16 hours	Dry to sand	20 - 30 minutes	
Dry to polish	-	Dry to polish	-	



SUBSTRATES



8-149 HS Tinting Surfacer should only be applied over well sanded/scuffed and degreased primed bare steel and primed aluminium. Well sanded GRP, polyester fillers, OEM primer and old paint systems in good condition. (Use 1-15 Washprimer for maximum durability and rust protection.)

Plastic primer for plastics.

POT LIFE AT 20°C / 68°F



30 minutes

COMPONENTS



MM 2000 - 2099 BeroMix 2000 Series
 1-204 MS Clear Coat
 8-414 HS420 Clear Coat
 8-714 HS420 Supreme Clear Coat
 47-35 MS Hardener Fast
 47-55 MS Hardener Medium
 47-65 MS Hardener Slow
 8-140 HS Hardener Fast
 8-150 HS Hardener Medium
 8-160 HS Hardener Slow
 8-430 HS420 Hardener Very Fast
 8-440 HS420 Hardener Fast
 8-450 HS420 Hardener Medium
 8-460 HS420 Hardener Slow
 1-141 Uni Thinner Fast
 1-151 Uni Thinner Medium
 1-161 Uni Thinner Slow
 47-91 Spot Repair Thinner
 1-231 Fade-Out Thinner

ADDITIVES



47-39 2K Elastic

Add before hardener.

SURFACE PREPARATION



Good preparation is vital in order to obtain the best possible result. Remove all sanding debris with compressed air, sanding vacuum and clean with 1-951 Silicone Remover wipe on and wipe dry. Final sanding before application P500 or finer.



Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER



MM 900 - 9999 WaterBase 900* Series
 MM 500 - 5999 BeroBase 500 Series
 MM 2000 - 2099 BeroMix 2000 Series

PHYSICAL DATA

EU REGULATIONS		
VOC Code	2004/42/11B(c)(540)(503)	
Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product.	11B/c. Primer - Surfacer/filler and general (metal) primer. EU limit values: 540 g/L (2007) This product contains a maximum of 503 g/L VOC.	
Chemical Base	2K Polyurethane Primer	
Physical Properties	Viscosity (RT5)	20 - 22 Dincup 4 / 20°C
	Specific Gravity (kg/l)	1,418
	Flash Point Closed Cup	27°C / 80,6°F
	Volume % Solids	46,8
	Economy	8 m ² /L/60 µm 325 ft ² /Gal/2,4 mil
	Gloss	-
	Colour	-

PROTECTION

Use suitable respiratory protection (*fresh air supply respirator is strongly recommended*).



For more detailed information please visit the following link for the Safety Data Sheet:

https://sds.de-beer.com/en/debeer/choose_localization

CLEAN UP



1-051 Gun Cleaner

STORAGE/SHELF LIFE

Minimum 2 years; (Under normal storage conditions 10°C - 30°C / 50°F - 90°F) (unopened container).



NOTES

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This TDS is about the Non-Sanding version.

MIXING RATIO



8-149		HARDENERS		THINNERS	
1:1	MM 2000 - 2099	3:1	MS Hardener	20 %	Uni Thinner
1:1	MM 2000 - 2099	3:1	HS Hardener	20 %	Uni Thinner
1:1	1-204	3:1	MS Hardener	20 %	Uni Thinner
1:1	8-414	4:1	HS420 Hardener	25 %	Uni Thinner
1:1	8-714	4:1	HS420 Hardener	25 %	Uni Thinner

Mix thoroughly after addition to the A component before adding hardener and thinner.

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,5	2/29
HE	1,3-1,5	1,8-2,0/26-29

APPLICATION



1 coat 20 - 25 µm (0,8-1,0mil)

FLASH OFF AND DRY TIMES



	AIR DRY 20°C / 68°F	FORCED DRY 60°C / 140°F
Flash off	15 - 20 minutes	Flash off
Dust free	-	Dust free
Dry to handle	-	Dry to handle
Dry to tape	-	Dry to tape
Dry to sand	-	Dry to sand
Dry to polish	-	Dry to polish



SUBSTRATES



8-149 HS Tinting Surfacer should only be applied over well sanded/scuffed and degreased primed bare steel and primed aluminium. Well sanded GRP, polyester fillers, OEM primer and old paint systems in good condition. (Use 1-15 Washprimer for maximum durability and rust protection.)

Plastic primer for plastics.

POT LIFE AT 20°C / 68°F



30 minutes

COMPONENTS



MM 2000 - 2099 BeroMix 2000 Series
 1-204 MS Clear Coat
 8-414 HS420 Clear Coat
 8-714 HS420 Supreme Clear Coat
 47-55 MS Hardener Medium
 47-65 MS Hardener Slow
 8-150 HS Hardener Medium
 8-160 HS Hardener Slow
 8-450 HS420 Hardener Medium
 8-460 HS420 Hardener Slow
 1-151 Uni Thinner Medium
 1-161 Uni Thinner Slow
 47-91 Spot Repair Thinner
 1-231 Fade-Out Thinner

ADDITIVES



47-39 2K Elastic

Add before hardener.

SURFACE PREPARATION



Good preparation is vital in order to obtain the best possible result. Remove all sanding debris with compressed air, sanding vacuum and clean with 1-951 Silicone Remover wipe on and wipe dry. Final sanding before application P280-P320 and GRP P400.



Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER



MM 500 - 5999 BeroBase 500 Series
 MM 2000 - 2099 BeroMix 2000 Series

PHYSICAL DATA

EU REGULATIONS		
VOC Code	2004/42/IB(c)(540)(503)	
Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product.	IIB/c. Primer - Surfacer/filler and general (metal) primer. EU limit values: 540 g/L (2007) This product contains a maximum of 503 g/L VOC.	
Chemical Base	2K Polyurethane Primer	
Physical Properties	Viscosity (RTS)	16 - 17 Dincup 4 / 20°C
	Specific Gravity (kg/l)	1,205
	Flash Point Closed Cup	27°C / 80,6°F
	Volume % Solids	41,8
	Economy	14 m ² /L/30 µm 570 ft ² /Gal/1,2 mil
	Gloss	-
	Colour	-

PROTECTION

Use suitable respiratory protection (*fresh air supply respirator is strongly recommended*).



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CLEAN UP



1-051 Gun Cleaner

STORAGE/SHELF LIFE

Minimum 2 years; (Under normal storage conditions 10°C - 30°C / 50°F - 90°F) (unopened container).



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