

## GENERAL INFORMATION

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

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	MM 3000 - 3046	4:1	8-465 BeroThane 3000 Series Hardener	25 %	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 Surfer 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  
 MM 3000 - 3046 BeroThane HS420 3000 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  
 8-465 BeroThane 3000 Series Hardener  
 1-151 Uni Thinner Medium  
 1-161 Uni Thinner Slow  
 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  
 MM 3000 - 3046 BeroThane HS420 3000 Series

## PHYSICAL DATA

EU REGULATIONS		
VOC Code	2004/42/IIIB(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.	IIIB/c. Primer - Surfer/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 <sup>2</sup> /L/30 µm 570 ft <sup>2</sup> /Gal/1,2 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](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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