



## 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	2K / MS Hardener	0 - 10 %	Uni Thinner
3 : 1	1-204	3 : 1	2K / MS Hardener	0 - 10 %	Uni Thinner
4 : 1	MM 3000 - 3046	6 : 1	HS420 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  
MM 3000 - 3046 BeroThane HS420 3000 Series  
1-204 MS Clear Coat  
8-414 HS420 Clear Coat  
8-714 HS420 Supreme Clear Coat  
47-30 2K Hardener Very Fast  
47-40 2K Hardener Fast  
47-50 2K Hardener Medium  
47-60 2K Hardener Slow  
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<sup>®</sup> Series  
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	2004/42/11B(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 - Surfacers/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)	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 <sup>2</sup> /L/60 µm
		325 ft <sup>2</sup> /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](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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