8-145 HS Surfacer Grey

GENERAL INFORMATION

8-145 HS Surfacer Grey is a 2K polyurethane high filling surfacer with excellent sanding properties, which can also be used as a non-sanding surfacer. It is very easy to apply and gives high durability and appearance.

This TDS is about the Non-Sanding version.

MIXING RATIO



- 3:1Surfacer: 2K/MS Hardener + max 20% Uni Thinner
- 4:1Surfacer: HS Hardener + max 30% Uni Thinner
- 6:1Surfacer: HS420 Hardener + max 35% Uni 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 (0,8-1,0 mil)

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	15 - 20 minutes	Dust free	-
Dry to handle	8 hours	Dry to handle	-
Dry to tape	8 hours	Dry to tape	-
Dry to sand	8 hours	Dry to sand	-
Dry to polish	-	Dry to polish	-

SUBSTRATES



8-145 HS Surfacer Grey 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.)

POT LIFE AT 20°C / 68°F



30 minutes

COMPONENTS



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



Pre clean the surface with 1-951 Silicone Remover wipe on and wipe dry. Sand surface with P180—P240 grit abrasive. 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 feather-edge and GRP P400.



Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER

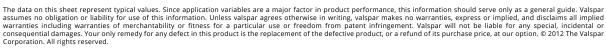


MM 900 - 9999 WaterBase 900° Series MM 3000 - 3046 BeroThane HS420 3000 Series MM 500 - 5999 BeroBase 500 Series

MM 2000 - 2099 BeroMix 2000 Series

Due to small application window only for small repairs when using MM 500 - 5999 BeroBase 500 Series.

EU REGULATIONS				
VOC	ode	2004/42/IIB(c)(540)534		
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 prod- uct contains a maximum of 534 g/l VOC.		
Chemical Base	2K Polyurethane Primer			
	Viscosity (RTS)	16 - 17 Dincup 4 / 20°C		
	Specific Gravity (kg/l)	1,37		
	Flash Point Closed Cup	27,5°C / 81,5°F		
	Volume % Solids	41		
Physical Properties	_	14 m²/L/30 μm		
	Economy	570 ft²/Gal/1,2 mil		
	Gloss	Matt		
	Colour	Grey		







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 $10^{\circ}C$ - $30^{\circ}C$ / $50^{\circ}F$ - $90^{\circ}F$) (unopened container).



NOTES

-

GENERAL INFORMATION

8-145 HS Surfacer Grey is a 2K polyurethane high filling surfacer with excellent sanding properties, which can also be used as a non-sanding surfacer. It is very easy to apply and gives high durability and appearance.

This TDS is about the Sanding version.

MIXING RATIO



- 3 : 1 Surfacer : 2K/MS Hardener + max 10% Uni Thinner
- 4:1 Surfacer: HS Hardener + max 15% Uni Thinner
- 6:1 Surfacer: HS420 Hardener + max 25% Uni Thinner

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,8	2/29
HE	1,3-1,8	1,6-1,8/23-26

APPLICATION



1 - 3 coat 60-180 µm (2,4-7,2 mil)

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	-

INFRARED DRYING



AFTER FULL FLASH OFF AND AT PROPER DISTANCE			
Half-bake 3 min 50°C			
Full-bake 10 min 65°C			
See IR Manufacturer information			

SUBSTRATES



8-145 HS Surfacer Grey 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.)

POT LIFE AT 20°C / 68°F



20 - 30 minutes

COMPONENTS



47-35 MS Hardener Fast
47-55 MS Hardener Medium
47-65 MS Hardener Slow
8-130 HS Hardener Very Fast
8-140 HS Hardener Fast
8-150 HS Hardener Medium
8-160 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

ADDITIVES



47-39 2K Elastic

Add before hardener.

SURFACE PREPARATION



Pre clean the surface with 1-951 Silicone Remover wipe on and wipe dry. Sand surface with P180—P240 grit abrasive. 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 feather-edge and GRP P400.



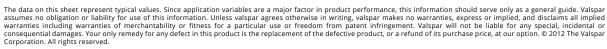
Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER



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

EU REGULATIONS				
VOC	Code	2004/42/IIB(c)(540)534		
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 prod- uct contains a maximum of 534 g/l VOC.		
Chemical Base	2K Polyurethane Primer			
Viscosity (RTS)		20 - 22 Dincup 4 / 20°C		
	Specific Gravity (kg/l)	1,41		
	Flash Point Closed Cup	27,5°C / 81,5°F		
	Volume % Solids	44		
Physical Properties		7 m ² /L/60 μm		
	Economy	285 ft²/Gal/2,4 mil		
	Gloss	Matt		
Colour		Grey		







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

-

8-14510 HS Surfacer White

GENERAL INFORMATION

8-14510 HS Surfacer White is a 2K polyurethane high filling surfacer with excellent sanding properties, which can also be used as a non-sanding surfacer. It is very easy to apply and gives high durability and appearance.

This TDS is about the Non-Sanding version.

MIXING RATIO



- 3:1Surfacer: 2K/MS Hardener + max 20% Uni Thinner
- 4:1Surfacer: HS Hardener + max 30% Uni Thinner
- 6:1Surfacer: HS420 Hardener + max 35% Uni 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 (0,8-1,0 mil)

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	15 - 20 minutes	Dust free	-
Dry to handle	8 hours	Dry to handle	-
Dry to tape	8 hours	Dry to tape	-
Dry to sand	8 hours	Dry to sand	-
Dry to polish	-	Dry to polish	-

SUBSTRATES



8-14510 HS Surfacer White 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.)

POT LIFE AT 20°C / 68°F



30 minutes

COMPONENTS



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

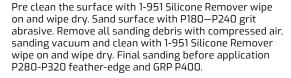


47-39 2K Elastic

Add before hardener.

SURFACE PREPARATION







Mask entire vehicle to eliminate unwanted overspray.

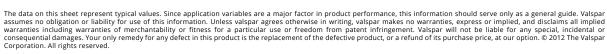
NEXT LAYER



MM 900 - 9999 WaterBase 900* Series MM 3000 - 3046 BeroThane HS420 3000 Series MM 500 - 5999 BeroBase 500 Series MM 2000 - 2099 BeroMix 2000 Series

Due to small application window only for small repairs when using MM 500 - 5999 BeroBase 500 Series.

EU REGULATIONS			
VOC	Code	2004/42/IIB(c)(540)534	
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 prod- uct contains a maximum of 534 g/l VOC.	
Chemical Base	2K Polyurethane Primer		
	Viscosity (RTS)	16 - 17 Dincup 4 / 20°C	
	Specific Gravity (kg/l)	1,38	
	Flash Point Closed Cup	27,5°C / 81,5°F	
	Volume % Solids	41	
Physical Properties		13 m²/L/30 μm	
	Economy	570 ft²/Gal/1,2 mil	
	Gloss	Matt	
	Colour	White	







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

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. Unless valspar agrees otherwise in writing, valspar makes no warranties, express or implied, and disclaims all implied warranties including warranties of merchantability or fitness for a particular use or freedom from patent infringement. Valspar will not be liable for any special, incidental or consequential damages, Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. © 2012 The Valspar Corporation. All rights reserved.



8-14510 HS Surfacer White

GENERAL INFORMATION

8-14510 HS Surfacer White is a 2K polyurethane high filling surfacer with excellent sanding properties, which can also be used as a non-sanding surfacer. It is very easy to apply and gives high durability and appearance.

This TDS is about the Sanding version.

MIXING RATIO



- 3:1Surfacer: 2K/MS Hardener + max 10% Uni Thinner
- 4:1 Surfacer: HS Hardener + max 15% Uni Thinner
- 6:1 Surfacer: HS420 Hardener + max 25% Uni Thinner

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,8	2/29
HE	1,3-1,8	1,6-1,8/23-26

APPLICATION



1 - 3 coat 60 - 180 µm (2,4-7,2 mil)

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	-

INFRARED DRYING



AFTER FULL FLASH OFF AND AT PROPER DISTANCE		
Half-bake 3 min 50°C		
Full-bake 10 min 65°C		
See IR Manufacturer information		

SUBSTRATES



8-14510 HS Surfacer White 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.)

POT LIFE AT 20°C / 68°F



20 - 30 minutes

COMPONENTS



47-35 MS Hardener Fast
47-55 MS Hardener Medium
47-65 MS Hardener Slow
8-130 HS Hardener Very Fast
8-140 HS Hardener Fast
8-150 HS Hardener Medium
8-160 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

ADDITIVES



47-39 2K Elastic

Add before hardener.

SURFACE PREPARATION



Pre clean the surface with 1-951 Silicone Remover wipe on and wipe dry. Sand surface with P180—P240 grit abrasive. 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 feather-edge and GRP P400.



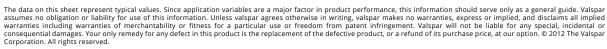
Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER



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

EU REGULATIONS			
VOC Code		2004/42/IIB(c)(540)534	
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 534 g/l VOC.	
Chemical Base	2K Polyurethane Primer		
	Viscosity (RTS)	20 - 22 Dincup 4 / 20°C	
	Specific Gravity (kg/l)	1,42	
	Flash Point Closed Cup	27,5°C / 81,5°F	
	Volume % Solids	44	
Physical Properties	Economy	7 m²/L/60 μm	
Gloss Colour		285 ft²/Gal/2,4 mil	
	Gloss	Matt	
	White		







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

8-14540 HS Surfacer Black

GENERAL INFORMATION

8-14540 HS Surfacer Black is a 2K polyurethane high filling surfacer with excellent sanding properties, which can also be used as a non-sanding surfacer. It is very easy to apply and gives high durability and appearance.

This TDS is about the Non-Sanding version.

MIXING RATIO



- 3:1Surfacer:2K/MS Hardener + max 20% Uni Thinner
- 4:1Surfacer: HS Hardener + max 30% Uni Thinner
- 6:1Surfacer: HS420 Hardener + max 35% Uni 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 (0,8-1,0 mil)

FLASH OFF AND DRY TIMES





AIR DRY 20°C / 68	l°F	FORCED DRY 60°C /	140°F
Flash off	15 - 20 minutes	Flash off	-
Dust free	15 - 20 minutes	Dust free	-
Dry to handle	8 hours	Dry to handle	-
Dry to tape	8 hours	Dry to tape	-
Dry to sand	8 hours	Dry to sand	-
Dry to polish	-	Dry to polish	-

SUBSTRATES



8-14540 HS Surfacer Black 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.)

POT LIFE AT 20°C / 68°F



30 minutes

COMPONENTS



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



Pre clean the surface with 1-951 Silicone Remover wipe on and wipe dry. Sand surface with P180—P240 grit abrasive. 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 feather-edge and GRP P400.



Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER

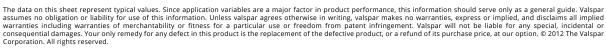


MM 900 - 9999 WaterBase 900* Series MM 3000 - 3046 BeroThane HS420 3000 Series MM 500 - 5999 BeroBase 500 Series

MM 2000 - 2099 BeroMix 2000 Series

Due to small application window only for small repairs when using MM 500 - 5999 BeroBase 500 Series.

EU REGULATIONS			
VOC Code		2004/42/IIB(c)(540)534	
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 534 g/l VOC.	
Chemical Base	2K Polyurethane Primer		
	Viscosity (RTS)	16 - 17 Dincup 4 / 20°C	
	Specific Gravity (kg/l)	1,35	
	Flash Point Closed Cup	27,5°C / 81,5°F	
	Volume % Solids	40	
Physical Properties	Physical Properties Economy	14 m²/L/30 m	
		570 ft²/Gal/1,2 mil	
Gloss	Gloss	Matt	
	Colour	Black	







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

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. Unless valspar agrees otherwise in writing, valspar makes no warranties, express or implied, and disclaims all implied warranties including warranties of merchantability or fitness for a particular use or freedom from patent infringement. Valspar will not be liable for any special, incidental or consequential damages, Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. © 2012 The Valspar Corporation. All rights reserved.



8-14540 HS Surfacer Black

GENERAL INFORMATION

8-14540 HS Surfacer Black is a 2K polyurethane high filling surfacer with excellent sanding properties, which can also be used as a non-sanding surfacer. It is very easy to apply and gives high durability and appearance.

This TDS is about the Sanding version.

MIXING RATIO



- 3:1Surfacer:2K/MS Hardener + max 10% Uni Thinner
- 4:1 Surfacer: HS Hardener + max 15% Uni Thinner
- 6:1Surfacer: HS420 Hardener + max 25% Uni Thinne

GUN SET UP



	NOZZLE (MM)	AIR PRESSURE (BAR / PSI)
HVLP	1,3-1,8	2/29
HE	1,3-1,8	1,6-1,8/23-26

APPLICATION



1 - 3 coat 60 - 180 µm (2,4-7,2 mil)

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	-

INFRARED DRYING



AFTER FULL FLASH OFF AND AT PROPER DISTANCE		
Half-bake	3 min 50°C	
Full-bake 10 min 65°C		
See IR Manufacturer information		

SUBSTRATES



8-14540 HS Surfacer Black 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.)

POT LIFE AT 20°C / 68°F



20 - 30 minutes

COMPONENTS



47-35 MS Hardener Fast
47-55 MS Hardener Medium
47-65 MS Hardener Slow
8-130 HS Hardener Very Fast
8-140 HS Hardener Fast
8-150 HS Hardener Medium
8-160 HS Hardener Medium
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

ADDITIVES



47-39 2K Elastic

Add before hardener.

SURFACE PREPARATION



Pre clean the surface with 1-951 Silicone Remover wipe on and wipe dry. Sand surface with P180—P240 grit abrasive. 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 feather-edge and GRP P400.



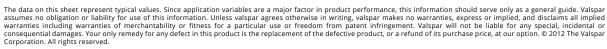
Mask entire vehicle to eliminate unwanted overspray.

NEXT LAYER



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

EU REGULATIONS			
VOC Code		2004/42/IIB(c)(540)534	
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 534 g/l VOC.	
Chemical Base	2K Polyurethane Primer		
	Viscosity (RTS)	20 - 22 Dincup 4 / 20°C	
	Specific Gravity (kg/l)	1,39	
	Flash Point Closed Cup	27,5°C / 81,5°F	
	Volume % Solids	43	
Physical Properties	5	7 m²/L/60 μm	
	Gloss	285 ft²/Gal/2,4 mil	
		Matt	
	Colour	Black	







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