



Mercedes-Benz
The best or nothing.

star bulletin



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Revision U: Edited Products

Subject: MY-All, Models All, MBUSA Approved Refinishing Products

Glasurit and R-M (BASF), Spies Hecker, Standox, and Global (PPG) paint products are currently approved as refinishing products for Mercedes-Benz vehicles.

MBUSA approved refinishing products from Glasurit, R-M, Spies Hecker, Standox, and Global are listed.

General Information can be obtained by contacting the supplier directly at the corporate headquarters listed below or by contacting your local distributor.

BASF Corporation (Glasurit and R-M)
26701 Telegraph
Southfield, MI 48034
Tel.: (248) 827-4670
(800) 825-3000

Standox™
47802 West Anchor Court
Plymouth, MI 48170
Tel.: (800) 551-9296

Spies Hecker™
47818 West Anchor Court
Plymouth, MI 48170
Tel.: (800) 44-SPIES

PPG Industries, Inc.
19699 Progress Dr.
Strongsville, OH 44149
Tel.: (440) 572-6111
(800) 647-6050

MBUSA requires that only approved paint refinishing products and procedures be used on any warranty repair work. Documentation regarding this must be submitted. Do not submit warranty claims to MBUSA for any repairs on refinished areas.

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

MBUSA Approved Standox™ Products

Part Name	Standox Part Number	Coating Category
Standohyd® Cleaner	16176 & 16166	Surface Preparation
Standohyd® VOC Cleaner 25 (.21 lbs/gal -25 g/l)	16178	Surface Preparation
Standox® Silicone Remover Antistatic	11654	Surface Preparation
Standox® Sillistop	11107	Misc
Standocryl® 2.1 Clear	10020	Clear Coating
Standocryl® 2.1 HS Clear (Also approved for Scratch Resistance)	16156	Clear Coating
Standocryl® 2K HS Clear	14580	Clear Coating
Standocryl® 2K Premium Clear	16252	Clear Coating
Standocryl® VOC Platinum Clear	16161	Clear Coating
Standocryl® 2K Clear 15-60 PLUS (In Process)	16198	Clear Coating
Standohyd® Basecoat System	N/A	Color Coating
Standox® MSB Basecoat System	N/A	Color Coating
Standox® 2.1 Filler	11999	Primer Coating
Standox® 2K HS System Filler	15161 & 16170	Primer Coating
Standox® 2K Nonstop Primer Filler	15331 & 16153 & 161 54	Primer Coating
Standoflex® 1K Plastic Primer (for 4.5lb/gal VOC areas)	16202	Adhesion Promoter
Standoflex® Plastic Primer Silver (Aerosol)	14408	Adhesion Promoter
Standoflex® Plastic Primer Silver	12065	Plastic
Standocryl® 2K Plastic Clear Satin Gloss	12227	Plastic
Standocryl® 2K Matt Clear 007	16163	Plastic
Standoxl® 2K Matting Agent Mix 608 (for 2.1 lb/gal VOC areas)	16199	Plastic
Standoflex® 2K Plastic Primer Surfacer	11816	Plastic
Standoflex® Low VOC Plastic Cleaner	16010	Surface Preparation
Standohyd® Sanding Paste	14670	Misc
Standoflex® Thinner 11100	16160	Surface Preparation
Standox® 2K Plasticiser	15260	Plastic
Standox® 2K Matting Agent Mix 606	13649	Plastic
Standox® 1 K Primer Red-Brown (Aerosol)	14696	Pretreatment Coating
Standox® Etching Adhesion Primer	16167	Pretreatment Coating
Standox® 1 K Primer Filler	16134	Pretreatment Coating
Standox® 1 K Primer Filler (Aerosol)	16141	Pretreatment Coating
Standox® Low VOC Etch Primer	16189	Pretreatment Coating
Standox® 2K EP Primer (Aerosol)	16181	Primer Coating
Standox® EP Primer Surfacer 3:1	16183	Primer Coating

Stadox® PE Spray Filler	16177	Stopper
Stadox® MSB Thinner BC 05-15 «60F)	11395	Thinner
Stadox® MSB Thinner BC 15-25 (59-75F)	12049	Thinner
Stadox® MSB Thinner BC 20-30 (70-85F)	11387	Thinner
Stadox® MSB Thinner BC 25-40 (75-90F)	19523	Thinner
Stadox® MSB Thinner BC 30-45 (>90F)	16158	Thinner
Stadox® VOC Sealer Agent	16171	Thinner
Stadox® 2K Thinner T 10-20 «60F)	11573	Thinner
Stadox® 2K Thinner T 15-25 (60-80F)	11182	Thinner
Stadox® 2K Thinner T 25-40 (80-95F)	11484	Thinner
Stadox® 2K Thinner T 35-40 (>95F)	11921	Thinner
Stadox® 2.1 Thinner Fast -T 15	11786	Thinner
Stadox® 2.1 Thinner Normal -T 30	10097	Thinner
Stadox® 2.1 Thinner -Slow -T 30	16133	Thinner
Stadox® Universal Thinner 11012	11905	Thinner
Standohyd® VE Water	80184	Thinner
Standohyd® LH Thinner (Low Humidity)	16191	Thinner
Stadox® 2K Fade-Out Thinner 11031	11247	Thinner
Stadox® 2K Smart Blend Plus	16174	Thinner
Stadox® 2K Fast Dry Additive	16169	Thinner
Stadox® Polyester Thinner	11719	Thinner
Standohyd® Special Additive	16197	Hardener
Stadox® 2.1 Hardener -Fast -H 15	11778	Hardener
Stadox® 2.1 Hardener -Normal -H 20	10089	Hardener
Stadox® 2.1 Hardener -Slow -H 25	16117	Hardener
Stadox® 2.1 Hardener -Extra Slow -H 30	16125	Hardener
Stadox® 2K Hardener H 05-15	15080 & 16145	Hardener
Stadox® 2K Hardener H 15-25	15013	Hardener
Stadox® 2K Hardener H 20-30	15978 & 16146	Hardener
Stadox® 2K Hardener H 25-40	15935	Hardener
Stadox® 2K Hardener H 30-45	15943	Hardener
Stadox® VOC Platinum Hardener	16162	Hardener
Stadox® EP Hardener	16184	Hardener
Standoflex® 2K Plastic Hardener	11824	Hardener
Stadox® Hardener for PE Spray Filler	14564	Hardener
Stadox® Low VOC Etch Primer Activator	16190	Hardener
Stadox® Basecoat Colorless	16150	Uniform Finish Blender
Standohyd® Color Blend	80045	Color misc.

MBUSA Approved Spies Hecker Products		
Part Name	Spies Hecker Part Number	Category
Permacron® Antisilicone 8510	8510	Misc
Permanent® Silicone Remover 7010 Slow	7010	Surface Preparation
Permahyd® Silicone Remover 7085	7085	Surface Preparation
Permahyd® Silicone Remover 7096	7096	Surface Preparation
Permahyd® Silicone Remover 7799 Fast	7799	Surface Preparation
Permacron® MS Express Clear Coat 8046 (In Process)	8046	Clear Coating
Permasolid® HS Clear Coat 8035	8035	Clear Coating
Permacron® 2.1 Clear Coat 8095	8095	Clear Coating
Permacron® 2.1 Clear Coat 8097 (Also approved for Scratch Resistance)	8097	Clear Coating
Permasolid® HS Diamond Clear Coat 8450	8450	Clear Coating
Permasolid® HS Optimum Clear Coat 8600	8600	Clear Coating
Permacron® Matte Clear Coat 8091	8091	Clear Coating
Permahyd® Base Coat Series 280/285	N/A	Color Coating
Permahyd® Blend-in Additive 9005	9005	Misc
Permacron® Base Coat Series 293/295	N/A	Color Coating
Permacron® 1K Base Coat Blender 8560	8560	Uniform Finish Blender
Permacron® Automotive Top Coat Series 257	N/A	Single Stage Coating
Permacron® 2.1 Surfacer 5155	5155	Primer Coating
Permacron® Vario Surfacer 8590 Gray	8590	Primer Coating
Permasolid® EP Primer Surfacer 4500 light gray	4500	Primer Coating
Permacron® Semi-Gloss Elastic Clear Coat 8070	8070	Plastic
Permacron® 1:1 Elastic Primer Surfacer 3300 Black/Gray	3300	Plastic
Priomat® Plastic Reducer 8581	8581	Plastic
Permasolid® Elastic Additive 9050	9050	Plastic
Permasolid® Matting Additive MA 100	MA100	Plastic
Priomat® Elastic Primer 3304 Transparent	3304	Adhesion Promoter
Priomat® Elastic Primer 4190	4190	Adhesion Promoter
Permahyd® Sanding Paste 1120	1120	Misc
Permahyd® Plastic Cleaning Paste 7081	7081	Surface Preparation
Priomat® Primer Red Brown 3255	3255	Pretreatment Coating
Priomat® Wash Primer 4075	4075	Pretreatment Coating
Priomat® 5.5 Wash Primer 4055 Gray	4055	Pretreatment Coating
Priomat® 1K Primer Surfacer 4085	4085	Pretreatment Coating
Permahyd® 1K Primer Surfacer 4100 Gray	4100	Primer Coating
Permahyd® Stone Chip Protector 7100	7100	Misc
Raderal® Spray Polyester 3508	3508	Stopper

Spies Hecker Products (continued)		
Permacron® Supercryl Reducer 3055 Express	3055	Reducer
Permacron® Supercryl Reducer 3054 Medium	3054	Reducer
Permacron® Supercryl Reducer 3056 Slow	3056	Reducer
Permacron® Base Coat Retarder 9015	9015	Reducer
Permacron® Reducer 3363 Medium	3363	Reducer
Permacron® Reducer 3365 Slow	3365	Reducer
Permacron® Reducer 3366 Extra Slow	3366	Reducer
Permacron® Reducer 3369 Fast	3369	Reducer
Permacron® Reducer 3370 Medium	3370	Reducer
Permacron® Reducer 3371 Slow	3371	Reducer
Permasolid® 2.1 Wet-on-Wet Additive	9070	Reducer
Permahyd® VE Water 6000	6000	Reducer
Permahyd® Special Water 6002 slow	6002	Reducer
Raderal® Reducer 7690	7690	Reducer
Permacron® Dura Plus 8580	8580	Reducer
Raderal® Retarder 9010	9010	Reducer
Permacron® Speed Blender 1036	1036	Reducer
Permasolid® HS Hardener 3307 Express	3307	Hardener
Permasolid® HS Hardener 3309 Extra Fast	3309	Hardener
Permasolid® HS Hardener 3310 Fast	3310	Hardener
Permasolid® HS Hardener 3315 Medium	3315	Hardener
Permasolid® HS Hardener 3320 Slow	3320	Hardener
Permasolid® HS Hardener 3325 Extra Slow	3325	Hardener
Permacron® Hardener 3193 Fast	3193	Hardener
Permacron® Hardener 3195 Medium	3195	Hardener
Permacron® Hardener 3197 Slow	3197	Hardener
Permacron® Hardener 3199 Extra Slow	3199	Hardener
Permasolid® VHS Hardener 3220 Express	3220	Hardener
Permasolid® VHS Hardener 3230 Medium	3230	Hardener
Permasolid® VHS Hardener 3240 Slow	3240	Hardener
Permasolid® EP Hardener 4501	4501	Hardener
Priomat® Activator 4076	4076	Activator
Priomat® 5.5 Activator 4056	4056	Activator
Permacron® Elastic Hardener 3301	3301	Hardener
Permahyd® Additive 9007	9007	Hardener
Raderal® Hardener 9520 (for 3508)	9520	Hardener

MBUSA-Approved Glasurit Refinishing Products

Part Name	Glasurit® Part Number	Category
Glasurit® Double Plus Body Filler	839-20	Filler
Glasurit® Plastics Body Filler	839-90	Putty
Glasurit® Polyester Spray Filler	1006-26	Filler
Glasurit® 1K Plastics Adhesion Primer	934-0	Primer
Glasurit® Low VOC plastic Adhesion promoter	934-40	Primer
Glasurit® One Step Plastics Primer Filler	934-70	Primer
Glasurit® 1K-Waterborne Primer Surfacer	176-72	Primer, Surfacer
Glasurit® Etching Primer	283-150	Primer
Glasurit® Etching Primer (Low VOC)	283-155	Primer
Glasurit® Low VOC White Sealer	285-18	Sealer
Glasurit® Low VOC Black Sealer	285-29	Sealer
Glasurit® 2.1 VOC Primer (Low VOC)	285-21	Primer
Glasurit® HS Non-Sanding Sealer – White	285-38	Sealer
Glasurit® HS Non-Sanding Sealer - Black	285-49	Sealer
Glasurit® Universal Primer Filler	285-60	Primer
Glasurit® Chromate Free Epoxy Primer	801-72	Primer, Filler
Glasurit® Low VOC Epoxy Primer	801-73	Primer, Filler
Glasurit® Urethane Acrylic 22 Line	22-	Top coat
Glasurit® 3.5 VOC Urethane Acrylic 22 Line	22- 3.5 VOC	Top coat
Glasurit® Base Coat Metallic/Solid	55-	Top coat
Glasurit® Base Coat Metallic/Solid (Waterborne)	90-	Top coat
Glasurit® Low VOC matte Clear	923-52	Clear
Glasurit® Urethane Acrylic Extra Matte Clear	923-55	Clear
Glasurit® Urethane Acrylic Matte	923-57	Clear
Glasurit® HS-UV-Klarlack Clear	923-109	Clear
Glasurit® Ultra Low VOC Clear	923-200	Clear
Glasurit® Low VOC HS Klarlack Clear	923-209	Clear
Glasurit® Low VOC Multi-Purpose Gloss Clear	923-220	Clear
Glasurit® Fast Repair Low VOC Clear	923-222	Clear
Glasurit® HS Multi Clear	923-255	Clear
Glasurit® Anti Scratch HS Clear (Low VOC)	923-345	Clear
Glasurit® Silicon and Tar Remover	541-5	Miscellaneous
Glasurit® Bending Clear	90-M5	Miscellaneous
Glasurit® Waterbased Cleaner	700-1	Miscellaneous
Glasurit® Waterborne Degreaser	700-10	Miscellaneous
Glasurit® Spot Blender	352-500	Miscellaneous
Glasurit® Stone Chip Protector-	1109-1240/6	Miscellaneous
Glasurit® Universal Cleaner for Plastics	541-30	Miscellaneous
Glasurit® Metal Cleaner	360-4	Miscellaneous
Glasurit® Clean Fix	541-92	Miscellaneous
Glasurit® Sand Fix paste	563-808	Miscellaneous

Glasurit® Texture Additive- Fine	522-345	Additive
Glasurit® Rapid Additive	522-10	Additive
Glasurit® Elastifier Additive Soft Face	522-111	Additive
Glasurit® Gloss Reducing Additive	522-322	Additive
Glasurit® low VOC Elastifier Additive	522-333	Additive
Glasurit® Hardener Paste Red (for 839-20)	948-36	Hardener/Activator
Glasurit® Catalyzer (for 1006-23)	948-22	Hardener/Activator
Glasurit® basecoat Activator	590-100	Hardener/Activator
Glasurit® Low VOC Hardener fast	929-110	Hardener/Activator
Glasurit® HS Filler Hardener fast	929-51	Hardener/Activator
Glasurit® HS Filler Hardener normal	929-53	Hardener/Activator
Glasurit® HS Top Coat Hardener slow	929-94	Hardener/Activator
Glasurit® HS Top Coat Hardener normal	929-93	Hardener/Activator
Glasurit® HS Top Coat Hardener fast	929-91	Hardener/Activator
Glasurit® Low VOC Hardener normal	929-120	Hardener/Activator
Glasurit® Low VOC Hardener slow	929-130	Hardener/Activator
Glasurit® Activator (for 283-150)	352-228	Hardener/Activator
Glasurit® Basecoat Activator	355-55	Hardener/Activator
Glasurit® Low VOC Etch Activator (for 283-155)	583-660	Hardener/Activator
Glasurit® Activator (for 801-epoxy primers)	965-32/2	Hardener/Activator
Glasurit® Low VOC Hardener normal	929-120	Hardener/Activator
Glasurit® Low VOC Hardener fast	929-110	Hardener/Activator
Glasurit® Low VOC Hardener slow	929-130	Hardener/Activator
Glasurit® Low VOC Polar hardener	929-100	Hardener/Activator
Glasurit® Specialty Hardener (for 923-345)	929-346	Hardener/Activator
Glasurit® Catalyzer (use with 1006-26)	948-22	Hardener/Activator
Glasurit® Epoxy Primer Activator (for 801-72)	965-60	Hardener/Activator
Glasurit® Deionized Reducer	90-VE	Reducer
Glasurit® Reducer fast	352-50	Reducer
Glasurit® Reducer normal	352-91	Reducer
Glasurit® Reducer slow	352-216	Reducer
Glasurit® Retarder	352-319	Reducer
Glasurit® Blend In Reducer	352-400	Reducer
Glasurit® Exempt Reducer fast	352-25	Reducer
Glasurit® Exempt Reducer slow	352-45	Reducer
Glasurit® Adjusting Base	93-E3	Reducer
Glasurit® Adjusting Base slow	93-E3 slow	Reducer

MBUSA-Approved PPG Refinishing Products

Part Name	PPG Part Number	Category
Pretreatments		
Pretreatment	DX579	Metal Cleaner
Pretreatment	DX520	Metal Conditioner
Pretreatment	DX533	Aluminum Cleaner
Pretreatment	DX503	Alum. Conditioner
Primer/Surfacer		
Primer/Surfacer	D8099	Anti-corrosion etch Primer
Primer/Surfacer	D839	2K Primer Surfacers/sealer
Primer/Surfacer	SX1056	Anti-chip Primer
Primer/Surfacer	D824	Prime fill
Primer/Surfacer	D820	Plastic Adhesion Promoter
GRS 2K AChromatic Surfacers (National Rule)	D8001 – White D8005 – Gray D8007 – Black	Surfacers
GRS 2K AChromatic Surfacers (2.1 VOC)	DLV8001 – White DLV8005 – Gray DLV8007 – Black	Surfacers
GRS 2K Chromatic Sealer NR (National Rule)	D8081 – White D8085 – Gray D8087 – Black D8088 – Red D8089 – Yellow D8090 – Blue	Sealer
GRS 2K Chromatic Sealer LV (2.8 VOC)	DLV8081 – White DLV8085 – Gray DLV8087 – Black DLV8088 – Red DLV8089 – Yellow DLV8090 – Blue	Sealer
Thinners		
Thinner	D870	Global Thinner*
Thinner	D871	Global Thinner*
Thinner	D872	Global Thinner*
Thinner	D873	Global Thinner*
Thinner	D8767	Global Thinner*
Hardeners		
Hardener	D884	Global Hardener*
Hardener	D887	Global Hardener*
Hardener	D841	Global Hardener*
Hardener	D897	Global Hardener*
Hardener	D8210	Global Hardener*
Hardener	D8220	Global Hardener*
Hardener	D8230	Global Hardener*
Hardener	D864	Global Hardener*

MBUSA-Approved PPG Refinishing Products (continued)

Hardener	D8299	Global Hardener*
Hardener	D803	Global Hardener*
Hardener	SX1058	Global Hardener*
Hardener	D852	Global Hardener*
Hardener	D8226	Global Hardener*
Topcoat		
Topcoat	GRS-BC	Basecoat
Topcoat	Envirobase	Waterborne Basecoat
Clearcoat		
Clearcoat	D894	High Solids Clear
Clearcoat	D890	Compliant Clear (Rule 45)
Clearcoat	D8121	2.1 Performance Clear (Rule 1151)
Clearcoat	D8102	Preflexed Matt Clear
Clearcoat	D8126	CeramiClear™

- Select the appropriate thinner and hardener depending on the temperature.

MBUSA-Approved R-M® Refinishing Products

Product	Part Number	Category
R-M® Pre-Kleano	900	Degreaser
R-M® Pre-Paint Solvent Cleaner	901	Degreaser
R-M® Plastic Prep Cleaner	902	Degreaser
R-M® Final Wipe	909	Degreaser
R-M® 1K Plastic Primer	865	Undercoats
R-M® Beige Chromate Free Epoxy Primer	DE15	Undercoats
R-M® 2K Primer	DP20	Undercoats
R-M® Exempt Low VOC 2K Primer	DP200	Undercoats
R-M® Uno-HD Colors		Topcoats
R-M® Uno-HD 3.3 VOC Colors		Topcoats
R-M® Diamont Basecoat Colors		Topcoats
R-M® Onyx HD Basecoat Colors		Topcoats
R-M® High Solids Clear	DC92	Clearcoats
R-M® Low VOC (2.0) Clear	DC98	Clearcoats
R-M® CTR Baking Clear DC5300 Clearcoats		
R-M® Primer / Sealer Hardener	PH12	Hardener / Activator
R-M® Spot Repair Hardener	PH10	Hardener / Activator
R-M® Medium Hardener	PH20	Hardener / Activator
R-M® Low VOC Hardener	DH100	Hardener / Activator
R-M® Low VOC Hardener	DH105	Hardener / Activator
R-M® Rapid Hardener	DH42	Hardener / Activator
R-M® Normal Hardener	DH46	Hardener / Activator
R-M® Epoxy Primer Activator	PA16	Hardener / Activator
R-M® Universal Low temp Reducer	UR40	Thinner / Reducer
R-M® Universal Mid temp Reducer	UR50	Thinner / Reducer
R-M® Universal High temp Reducer	UR60	Thinner / Reducer
R-M® Ultra Low VOC Reducer	VR0	Thinner / Reducer
R-M® Low VOC Reducer	VR29	Thinner / Reducer
R-M® Blending Solvent	UBR100	Thinner / Reducer
R-M® Basecoat Activator	BCH2	Additives
R-M® Flex Agent	DF25	Additives