



Mercedes-Benz

**star bulletin**



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Group: 98

**Revision: DuPont® Refinishing Products Removed as MBUSA Approved Products**

**Subject: MBUSA Approved Refinishing Products**

Glasurit and R-M (BASF); Spies Hecker and Standox (DuPont Performance Coatings) 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.

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

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

Standox™  
47801 West Anchor Court  
Plymouth, MI 48170  
Tel.: (800) 551-9296

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

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 that have previously been refinished in any manner. MBUSA will only cover the original coating applied at the factory. Refer to Section 4.1 of the Warranty Policy and Procedures Manual for coverage.

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

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1-800-FOR-MERCEdes

**MBUSA-Approved Stadox Refinishing Products**

<b>Part Name</b>	<b>Stadox Part Number</b>	<b>Category</b>
Standohyd® Low VOC Silicone Remover	11310	Cleaner
Standohyd® Cleaner	16155	Cleaner
Standohyd® Silicone Remover (0.4)	15889	Cleaner
Stadox® Silicone Remover Antistatic	11654 & 15099	Cleaner
Stadox® Sillistop	11107	Cleaner
Standocryl® 2.1 HS Clear	16156	Clear
Stadox® 2K Clear 20-60	12006	Clear
Stadox® 2K HS Clear	12766 & 14580	Clear
Stadox® 2K MS Clear	11743	Clear
Stadox® VOC Platinum Clear	16161	Clear
Standohyd® Basecoat System	N/A	Color
Stadox® 2K HS Standocryl® System	N/A	Color
Stadox® MSB Basecoat System	N/A	Color
Stadox® 2.1 Filler - Grey	11999	Filler
Stadox® 2K HS System Filler	15161	Filler
Stadox® 2K Nonstop Primer Filler	15331 & 16153 & 16154	Filler
Standoflex® Plastic Cleaner Antistatic	11980	Plastic
Standoflex® Plastic Primer - Silver	12065	Plastic
Standocryl® 2K Plastic Clear	12219	Plastic
Standocryl® 2K Plastic Clear Satin Gloss	12227	Plastic
Standoflex® Plastic Filler	12235	Plastic
Standoflex® 2K Plastic Primer Surfacer	11816	Plastic
Standohyd® Sanding Paste	14670	Plastic
Standoflex® Thinner 11100	11425	Plastic
Stadox® 2K Plasticiser	15260	Plastic
Stadox® Mix 005 - 2K Elastic Matte	11557	Plastic
Standoflex® Plastic Primer – Silver (Aerosol)	14408	Primer
Stadox® 1K Primer Red-Brown (Aerosol)	14696	Primer
Stadox® Etching Adhesion Primer	11158	Primer
Stadox® 1K Primer Filler	16134	Primer Filler
Stadox® 1K Primer Filler (Aerosol)	16141	Primer Filler
Standohyd® 1K Primer Surfacer	14440	Primer Filler
Stadox® EP Precoat	11794	Primer Filler
Standohyd® Stonechip Primer	11344	Primer Filler
Standosoft® Fine Plastic	12251	Stopper
Stadox® PE Spray Filler (with Hardener)	14947	Stopper
Stadox® Rapid Stopper	15250	Stopper
Stadox® MSB Thinner 05-15	11395	Thinner
Stadox® MSB Thinner 15-25	12049	Thinner
Stadox® MSB Thinner 20-30	11387	Thinner

<b>MBUSA-Approved Stadox Refinishing Products (continued)</b>		
Stadox® MSB Thinner 25-40	19523	Thinner
Stadox® Rapid Thinner 2K 10-20	11573	Thinner
Stadox® Express Thinner 2K 15-25	11182	Thinner
Stadox® MS Thinner 2K 25-35	11484	Thinner
Stadox® Thinner 2K 35-40	11921 & 15293	Thinner
Stadox® 2.1 Thinner Slow	16133	Thinner
Stadox® 2.1 Thinner Normal	10097	Thinner
Stadox® 2.1 Thinner Fast	11786	Thinner
Stadox® Universal Thinner 11012	11905	Thinner
Standohyd® VE Water	14491	Thinner
Stadox® 2K Fade-Out Thinner 11031	12247	Thinner
Stadox® 2K Smart Blend	16157	Thinner
Stadox® Polyester Thinner	11719	Thinner
Stadox® 2.1 Hardener – Normal	10089	Hardener
Stadox® 2.1 Hardener – Fast	11778	Hardener
Stadox® 2.1 Hardener – Slow	16117	Hardener
Stadox® 2.1 Hardener – ExtraSlow	16125	Hardener
Stadox® 2K Hardener 25-40	15935	Hardener
Stadox® 2K Hardener 30-45	15943 & 16147	Hardener
Stadox® 2K Hardener 20-30	15978 & 16146	Hardener
Stadox® 2K Hardener 15-25	15013	Hardener
Stadox® 2K Hardener 05-15	15080 & 16145	Hardener
Stadox® Scratch Resistant Hardener	12944	Hardener
Stadox® VOC Platinum Hardener	16162	Hardener
Stadox® Etching Adhesion Activator	11166	Hardener
Standoflex® 2K Plastic Hardener	11824	Hardener
Stadox® EP Precoat Hardener	11913	Hardener
Stadox® PE Hardener	14262	Hardener
Stadox® Hardener for PE Spray Filler	14564	Hardener
Stadox® Basecoat Colorless	11514 & 16150	Uniform Finish Blender

**MBUSA-Approved Glasurit Refinishing Products**

<b>Part Name</b>	<b>Glasurit® Part Number</b>	<b>Category</b>
Glasurit® Double Plus Body Filler	839-20	Filler
Glasurit® Plastics Body Filler	839-90	Putty
Glasurit® Polyester Spray Filler	1006-23	Filler
Glasurit® 2K Epoxy Waterborne Primer	70-2	Primer
Glasurit® 1K Plastics Adhesion Primer	934-0	Primer
Glasurit® 1K-Waterborne Primer Surfacer	76-71	Primer, Surfacer
Glasurit® Etching Primer	283-150	Primer
Glasurit® Beige Gray 2K Primer Filler	285-16	Primer, Filler
Glasurit® 2.1 VOC Primer	285-21	Primer
Glasurit® HS VOC Primer Filler Gray	285-51	Primer
Glasurit® Universal Primer Filler	285-60	Primer
Glasurit® Epoxy Primer Filler EP (chromate free)	801-1552	Primer, Filler
Glasurit® White Rapid Filler	285-100	Sealer
Glasurit® HS-Tinting Filler	285-95	Sealer
Glasurit® Urethane Acrylic 22 Line	22-	Top coat
Glasurit® 3.5 VOC Urethane Acrylic 22 Line	22-	Top coat
Glasurit® Base Coat Metallic/Solid	55-	Top coat
Glasurit® Base Coat Metallic/Solid (Waterborne)	90-	Top coat
Glasurit® Urethane Acrylic Matte	923-57	Clear
Glasurit® HS-Clear VOC 3.5	923-35	Clear
Glasurit® HS-UV-Klarlack Clear	923-109	Clear
Glasurit® HS-UV-Klarlack Clear (3.5 lbs. / gal)	923-109	Clear
Glasurit® Acrylic Clear	923-155	Clear
Glasurit® Ultra Low VOC Clear	923-200	Clear
Glasurit® HS Multi Clear	923-255	Clear
Glasurit® Silicon and Tar Remover	541-5	Miscellaneous
Glasurit® Bending Clear	90-M5	Miscellaneous
Glasurit® Waterbased Cleaner	700-1	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® Activator	522-66	Additive
Glasurit® Elastifier Additive Soft Face	522-111	Additive
Glasurit® Gloss Reducing Additive	522-322	Additive

**MBUSA-Approved Glasurit Refinishing Products (continued)**

Glasurit® Hardener Paste Red (for 839-20)	948-36	Hardener/Activator
Glasurit® Catalyzer (for 1006-23)	948-22	Hardener/Activator
Glasurit® Hardener (for 70-2)	270-2	Hardener/Activator
Glasurit® Low VOC Hardener fast	929-31	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	929-33	Hardener/Activator
Glasurit® Activator (for 283-150)	352-228	Hardener/Activator
Glasurit® Basecoat Activator	355-55	Hardener/Activator
Glasurit® HS Exempt-Hardener (for 923-109)	929-43/35	Hardener/Activator
Glasurit® HS Exempt-Hardener normal (for 923-109)	929-45/35	Hardener/Activator
Glasurit® Activator (for 801-epoxy primers)	965-32/2	Hardener/Activator
Glasurit® Low VOC Urethane Hardener medium	929-23	Hardener/Activator
Glasurit® Low VOC Urethane Hardener fast	929-21	Hardener/Activator
Glasurit® Low VOC Urethane Hardener slow	929-24	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	90-E3	Reducer

**MBUSA-Approved Spies Hecker Refinishing Products**

<b>Part Name</b>	<b>Spies Hecker Part Number</b>	<b>Category</b>
Permacron® Anti Silicone Additive 8510	8510	Additive
Permanent® Silicone Remover 7010 Slow	7010	Cleaner
Permahyd® Silicone Remover 7095	7095	Cleaner
Permahyd® Silicone Remover 7090	7090	Cleaner
Permahyd® Silicone Remover 7099 Fast	7099	Cleaner
Permacron® MS Vario Clear Coat 8000	8000	Clear
Permasolid® HS Clear Coat 8030	8030	Clear
Permacron® 2.1 Clear Coat 8095	8095	Clear
Permacron® 2.1 Clear Coat 8097	8097	Clear
Permacron® Diamond Clear Coat 8400	8400	Clear
Permahyd® Base Coat Series 280/285	N/A	Color
Permasolid® HS Automotive Topcoat Series 270	N/A	Color
Permacron® Base Coat Series 293/295	N/A	Color
Permacron® Clear 8560	8560	Clear misc.
Permacron® 2.1 Surfacer 5155	5155	Filler
Permacron® Vario Surfacer Grey 8590	8590	Filler
Permacron® 2.1 Surfacer 5155	5155	Filler
Permacron® Vario Surfacer Grey 8590	8590	Filler
Permacron® Semi-Gloss Elastic Clear Coat 8070	8070	Plastic
Permacron® 1:1 Elastic Primer Surfacer 3300 Black/Grey	3300	Plastic
Priomat® Plastic Reducer 8581	8581	Plastic
Permasolid® Elastic Additive 9050	9050	Plastic
Permasolid® Matting Agent MA 100	MA100	Plastic
Priomat® Transparent Elastic Primer 3304	3304	Plastic
Permahyd® Sanding Paste 1120	1120	Plastic
Permahyd® Plastic Cleaning Paste 7081	7081	Plastic
Priomat® Primer Red Brown 3255	3255	Primer
Priomat® Wash Primer 4075	4075	Primer
Permahyd® 1K Primer Surfacer Grey 4100	4100	Primer/Filler
Permacron® Pre-Polyester Coat 4583	4583	Primer
Permahyd® Stone Chip Protector 7100	7100	Stonechip
Raderal® Fine Putty 0911	0911	Stopper
Raderal® Spray Polyester 3508	3508	Stopper
Raderal® Vario Putty 2030	2030	Stopper
Permacron® Supercryl Reducer 3054 Medium	3054	Reducer
Permacron® Supercryl Reducer 3055 Express	3055	Reducer
Permacron® Supercryl Reducer 3056 Slow	3056	Reducer
Permacron® Supercryl Reducer 3057 Extra Slow	3057	Reducer
Permacron® Reducer 3363 Medium	3363	Reducer

**MBUSA-Approved Spies Hecker Refinishing Products (continued)**

Permacron® Reducer 3365 Slow	3365	Reducer
Permacron® Reducer 3366 Extra Slow	3366	Reducer
Permacron® Reducer 3371 Slow	3371	Reducer
Permacron® Reducer 3370 Medium	3370	Reducer
Permacron® Reducer 3369 Fast	3369	Reducer
Permahyd® VE Water 6000	6000	Reducer
Raderal® Reducer 7690	7690	Reducer
Permacron® Dura Plus 8580	8580	Reducer
Raderal® Retarder 9010	9010	Reducer
Permacron® Blending Solvent 1031	1031	Reducer
Raderal® 0909 Hardener (for 0911/2030)	0909	Hardener
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® Super Hardener 3120	3120	Hardener
Permacron® Diamond Hardener 3384	3384	Hardener
Permacron® Hardener 3199 Extra Slow	3199	Hardener
Permacron® Hardener 3197 Slow	3197	Hardener
Permacron® Hardener 3195	3195	Hardener
Permacron® Hardener 3193	3193	Hardener
Permacron® Pre-Polyester Coat Hardener 3183	3183	Hardener
Permacron® Elastic hardener 3301	3301	Hardener
Raderal® Hardener 9520 (for 3508)	9520	Hardener

**MBUSA-Approved PPG Refinishing Products**

<b>Part Name</b>	<b>PPG Part Number</b>	<b>Category</b>
<b>Pretreatments</b>		
Pretreatment	DX579	Metal Cleaner
Pretreatment	DX520	Metal Conditioner
Pretreatment	DX533	Aluminum Cleaner
Pretreatment	DX503	Alum. Conditioner
<b>Primer/Surfacer</b>		
Primer/Surfacer	D8099	Anti-corrosion etch Primer
Primer/Surfacer	D839	2K Primer Surfacer/sealer
Primer/Surfacer	SX1056	Anti-chip Primer
Primer/Surfacer	D824	Prime fill
Primer/Surfacer	D820	Plastic Adhesion Promoter
GRS 2K AChromatic Surfacer (National Rule)	D8001 – White D8005 – Gray D8007 – Black	Surfacer
GRS 2K AChromatic Surfacer (2.1 VOC)	DLV8001 – White DLV8005 – Gray DLV8007 – Black	Surfacer
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
<b>Thinners</b>		
Thinner	D870	Global Thinner*
Thinner	D871	Global Thinner*
Thinner	D872	Global Thinner*
Thinner	D873	Global Thinner*
Thinner	D8767	Global Thinner*
<b>Hardeners</b>		
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*



Hardener	D8299	Global Hardener*
Hardener	D803	Global Hardener*
Hardener	SX1058	Global Hardener*
Hardener	D852	Global Hardener*
Hardener	D8226	Global Hardener*
<b>Topcoat</b>		
Topcoat	GRS-BC	Basecoat
Topcoat	Envirobase	Waterborne Basecoat
<b>Clearcoat</b>		
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**

<b>Part Name</b>	<b>R-M® Part Number</b>	<b>Category</b>
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® 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