

EXTERIOR PRIMERS

SHERWIN-WILLIAMS
PROVIDES A FULL
LINE OF EXTERIOR
PRETREATMENTS,
PRIMERS AND FILLERS



SHERWIN-WILLIAMS
Aerospace Coatings



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EXTERIOR PRIMERS

Sherwin-Williams offers a full line of aerospace products to prepare the substrate for topcoat from pretreatments, primers, surfacers, primer-surfacers and fillers in both conventional and high-solids technology. These products are top quality, corrosion-resistant, protective products designed for a variety of substrates: steel, aluminum, fiberglass, composite materials and magnesium. They are specifically formulated to complete the SKYscapes®, Jet Glo Express™, Jet Glo®, JCX™ and Acry Glo® coatings systems.

PRETREATMENTS

Wash primers and chrome free options specific for substrate pretreatment.

CHROME HAZARD FREE PRIMERS

A full line of quality, high-performing primers that are free of chrome and lead hazards.

HIGH SOLIDS PRIMERS

Provides excellent corrosion protection with lower VOCs.

CONVENTIONAL PRIMERS

Provides proven corrosion resistance and simple application.

URETHANE PRIMERS

Specifically developed for use over CM0484646 wash primer as an AMS 3095-qualified system.

SURFACERS

For smoothing imperfections in metal substrates; provides high-build and excellent sanding characteristics.

COMPOSITE SURFACERS

As opposed to aluminum substrates where the primer's role is to protect against corrosion, these composite surfacers meet the need to fill in the carbon weave in preparation for it to receive the topcoat finish.

FILL BOND® AEROSPACE PUTTY

Uniquely packaged to be easy and accurate every time, this filler is designed specifically for the aerospace industry; extremely flexible for lasting durability, it sands in 2-6 hours for increased productivity and has a long, workable pot life for increased production.



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PRIMER LIST

PRETREATMENTS

Part Number	Description	Market Served	Color	Mix Ratio	Part B	Dry Time 77° F/25° C	Recoat Time Max	Potlife 77° F/25° C	Product Notes
CM0484646	Aerospace Wash Primer	GA / Comm	Yellow	2:3	CM0110546 or CM0110646	30 Minutes to Apply Topcoat	8 Hours	8 Hours	CM0486707 Urethane primer is designed to work with this product. SAE AMS 3095 Qualified.
E90G4	Metal Wash Primer	Military	Green	4:1	V93VC2	5-10 Minutes 130°	4 Hours	8 Hours	Ideal as a pretreatment under CM0724933 or E90G203.
CM0220P01	Jet Prep™ Pretreatment	GA / Comm	TBD	100:1	CM0220P01B	15 Minutes to Apply Topcoat	TBD	24 Hours	Chrome free option. AMS 3095 approved with CM0483712.

CHROME HAZARD FREE PRIMERS

Part Number	Description	Market Served	Color	Mix Ratio	Part B	Dry Time 77° F/25° C	Recoat Time Max	Potlife 77° F/25° C	Product Notes
CM0481968	Chrome Hazard Free Epoxy Primer/ Surfacers	GA	Gray	4:1:1	CM0120828	2 Hours to Apply Topcoat	72 Hours	4 Hours	Save valuable steps by using as a primer and a sanding surfacer. SAE AMS 3095 and Dassault Qualified.
CM0483712	Chrome Hazard Free Quick Dry Primer	GA / Comm/ Military	Light Tan	3:1:3	CM0120712	1-2 Hours to Apply Topcoat	72 Hours	4 Hours	Unique product with short dry time but long potlife, excellent corrosion resistance, SAE AMS 3095 Qualified with SkyScapes and JCX.
CM0483787	Chrome Hazard Free Epoxy Primer	GA / Comm	Light Gray	3:1:1	CM0120787	2 Hours to Apply Topcoat	72 Hours	4 Hours	Excellent for large areas, good wet edge, Low profile, smooth appearance. SAE AMS 3095 Qualified with Jet Glo Express and SkyScapes.
CM0483790	Chrome Hazard Free Flexible Epoxy Primer	GA / Comm	Light Tan	3:1:1	CM0120790	2 Hours to Apply Topcoat	72 Hours	3 Hours	Ideal for large areas. Offers excellent flexibility and Skydrol resistance. SAE AMS 3095 Qualified with Jet Glo Express.
CM0486707	Chrome Hazard Free Urethane Primer	GA / Comm	Beige	4:1:3	CM0120677	2-4 Hours to Apply Topcoat	16 Hours	4 Hours	Can also be used as a sanding surfacer. Use CM0484646 as pretreatment. SAE AMS 3095 Qualified with Jet Glo Express and SkyScapes.

Notes: *Please refer to the individual undercoat PDS for final information.

ASSUMPTIONS: This sheet is not intended to be a replacement for the PDS, but a selection guide.



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HIGH SOLIDS CORROSION RESISTANT CHROMATED EPOXY PRIMERS

Part Number	Description	Market Served	Color	Mix Ratio	Part B	Dry Time 77° F/25° C	Recoat Time Max	Potlife 77° F/25° C	Product Notes
CM0483505	HS Corrosion Resistant Epoxy Primer	GA	Green	2:1	CM0120506	2 Hours to apply topcoat	72 Hours	4 Hours	<i>Smooth appearance and easy mix ratio makes this product ideal for business jet applications.</i>
CM0483928	HS Corrosion Resistant Epoxy Primer	GA / Comm	Yellow Green	4:1	CM0120828	2 Hours to apply topcoat	72 Hours	4 Hours	<i>Proven performer in the field for more than 20 years. SAE AMS 3095 Qualified.</i>
CM0724933	Epoxy Primer, MIL-PRF-23377K, Type I, Class C2	Military/ GA	Green	3:1	CM0120933	2 Hours to apply topcoat	72 Hours	4 Hours	<i>Ideal primer for any military aerospace project requiring qualification.</i>
E90G203	Epoxy Primer, MIL-PRF-23377K, Type I, Class C2	Military	Yellow	3:1	V93V230	2 Hours to apply topcoat	72 Hours	4 Hours	<i>For military use. Yellow in color.</i>

CORROSION RESISTANT EPOXY PRIMERS

Part Number	Description	Market Served	Color	Mix Ratio	Part B	Dry Time 77° F/25° C	Recoat Time Max	Potlife 77° F/25° C	Product Notes
CM0483660	Corrosion Protective Epoxy Primer	GA	Green	1:1	CM0120888	2-3 Hours to apply topcoat	72 Hours	6-8 Hours	<i>A popular, proven performer that has been applied extensively at OEMs and maintenance facilities for decades.</i>
CM0484900	Epoxy Primer Corrosion Resistant	GA	Light Green	1:1	CM0120888	2 Hours to apply topcoat	12 Hours	6 Hours	<i>Ideal for one-day prime and topcoat schedules for single engine or light helicopter.</i>
CM0724400	Epoxy Primer, MIL-PRF-23377F, Type I, Class C2	GA	Yellow	1:1	CM0724114	2-3 Hours to apply topcoat	72 Hours	4 Hours	<i>Proven performer. Qualified under old conventional military specification.</i>

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PRIMER LIST

CORROSION PROTECTIVE URETHANE PRIMER

Part Number	Description	Market Served	Color	Mix Ratio	Part B	Dry Time 77° F/25° C	Recoat Time Max	Potlife 77° F/25° C	Product Notes
CM0486707	Chrome Hazard Free Urethane Primer	GA / Comm	Beige	4:1:3	CM0120677	2-4 Hours to apply topcoat	16 Hours	4 Hours	Chrome Hazard Free. Use CM0484646 Wash Primer as pretreatment. Can also use as a sanding surfacer. Qualified to AMS 3095.

COMPOSITE SURFACERS

Part Number	Description	Market Served	Color	Mix Ratio	Part B	Dry Time 77° F/25° C	Recoat Time Max	Potlife 77° F/25° C	Product Notes
CM0482300	Composite Epoxy Fill Primer	GA	Blue	1:1	CM0120900	4 Hours to sand	30 Mins	6 Hours	Use as a surfacer filler on composite materials and fiberglass parts.
CM0487600	Composite Epoxy Fill Primer	GA	Light Tan	1:1	CM0120900	4 Hours to sand	30 Mins	6 Hours	Light Tan color is designed to blend with composite materials.
CM0481030	Exterior Composite Surfacer	GA	Light Gray	4:1:1	CM0120677	1-2 Hours to sand	30 Mins	2 Hours	Designed for aircraft composites. Excellent sandability and high film build. Highly productive product. With acceleration, can sand on painted surface in 30 minutes.
CM0481035	Exterior Composite Surfacer	GA	White	4:1:1	CM0120677	1-2 Hours to sand	30 Mins	2 Hours	Designed for aircraft composites. Excellent sandability and high film build. Highly productive product. With acceleration, can sand on painted surface in 30 minutes.

FILL BOND® AEROSPACE PUTTY

Part Number	Description	Market Served	Color	Mix Ratio	Part B	Dry Time 77° F/25° C	Recoat Time Max	Potlife 77° F/25° C	Product Notes
EP007 (750ML)	Fill Bond® Aerospace Putty	GA	Light Gray	4:1	Pre-cartridged	2-4 Hours	120 Minutes	15-20 Minutes	High build filler ideal for filling seams, rivets and small spot repair areas. Large cartridge.
EP0075 (375ML)									

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SANDING SURFACERS - CONVENTIONAL

Part Number	Description	Market Served	Color	Mix Ratio	Part B	Dry Time 77° F/25° C	Recoat Time Max	Potlife 77° F/25° C	Product Notes
CM0486707	Chrome Hazard Free Urethane Primer	GA / Comm	Beige	4:1:3	CM0120677	6 Hours to sand	16 Hours	4 Hours	Save steps. Use as primer and surfacer. Good intercoat adhesion and sandability. As a surfacer, only use the CM0110667 as the reducer.
CM0560563	Epoxy Sanding Surfacer	GA	Gray	1:1	CM0120888	8 Hours to sand	2 Hours	4 Hours	Proven performer. Designed to be used as a flexible surfacer primer. When sanded, improves topcoat appearance.
CM0560566	Epoxy Sanding Primer - High Build	GA	Gray	1:1	CM0120888	1-8 Hours to sand	30 Minutes	4 Hours	Provides heavier sand and fill properties than the CM0560563 Primer.

SANDING SURFACERS - HIGH SOLIDS

Part Number	Description	Market Served	Color	Mix Ratio	Part B	Dry Time 77° F/25° C	Recoat Time Max	Potlife 77° F/25° C	Product Notes
CM0480920	HS Epoxy Sanding Surfacer	GA	White	4:1	CM0120911	12 Hours to sand	4 Hours	2 Hours	Workhorse surfacer. Extensively used. Different solvent selections for size of area/ temperature.
CM0480922	Spread n' Spray Spot Primer	GA	Light Gray	4:1:(1-2)	CM0120722	2-3 Hours to sand	20-30 Minutes	1 Hour	Sprayable version only. Great for large repair areas.
CM0481330	Urethane Sanding Surfacer	GA	Light Gray	4:1:1	CM0120677	4 Hours to sand	N/A	1.5 Hours	Ideal for overalls or quick touch-up areas. Excellent sanding capabilities. Product deglosses as sanded.
CM0481968	Chrome Hazard Free Epoxy Primer / Surfacer	GA	Light Gray	4:1:10%	CM0120828	8-12 Hours to sand	4 Hours	4 Hours	Save valuable steps by using as a primer and a sanding surfacer. SAE AMS 3095 Qualified. Several reducer options to choose from depending on environmental conditions

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