



Questions? ASK us at 1-800-798-5872 or log onto www.Sherwin-Automotive.com

PRODUCT DESCRIPTION

2.1 VOC Performance Plus Clearcoat 1100757 is a “Glamour Type” clearcoat with Ure-Flex® technology designed for force-dry or air-dry applications and for use on spot to multi-panel repairs. It is a premium quality 2.1 VOC clearcoat designed to provide excellent gloss hold out and appearance without sacrificing speed and productivity. 2.1 VOC Performance Plus Clearcoat 1100757 performs very well in high performance spray booths as well as in spray environments subject to high temperature, high humidity, and low air-flow. This clearcoat also exhibits excellent vertical hold and performance when blending.

SURFACE PREPARATION*

2.1 VOC Performance Plus Clearcoat 1100757 is designed for use over Ultra 7000®, AWX Performance Plus™, Genesis® G4 basecoat color as well as properly prepared OE clearcoat.

§ Allow Ultra 7000® basecoat to flash 10-20 minutes before applying clearcoat

§ Allow AWX Performance Plus™ basecoat to fully dehydrate before applying clearcoat

§ Allow Genesis® G4 basecoat to flash 10-20 minutes before applying clearcoat

***See the appropriate [Ultra 7000®](#) or [AWX Performance Plus™](#) Best Demonstrated Practices for instructions on how to properly prepare panels for blending, for further information please call your Sherwin-Williams Automotive Finishes Technical Representative, Sales Representative, or Customer Service Representative.**

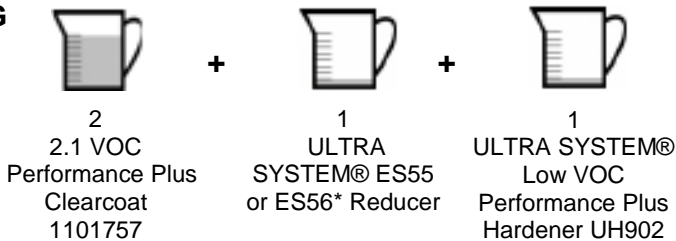
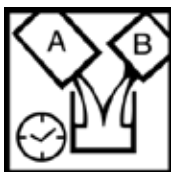
SUITABLE SUBSTRATES



- OEM topcoats
- Aged Refinishes
- AWX Performance Plus™ Basecoat
- Ultra 7000® Basecoat
- Genesis® G4 Basecoat

Reducer	Temperature Change**
ES55 – Medium	70 - 95°F
ES56 - Slow	90°F and Above***

MIXING

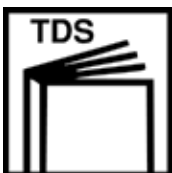


**Consider size of repair, air flow, and spray conditions with reducer selection.

***For National Rule locations with temperatures consistently above 90°F an additional 15% ES56 or ES25 can be used.

**For 2.1 VOC restricted locations, with temperatures consistently above 90°F to maintain compliance, only an additional 15% ES25 can be used.

NOTES



- Do not add accelerator to this clearcoat.
- If fisheyes are a problem, add ½ ounce of Sherwin-Williams® Fisheye Eliminator V3K780 per sprayable quart of clearcoat.
- Maximum flash time between coats of clearcoat is 30 minutes.
- Pot Life: 90 minutes at 75°F.



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APPLICATION



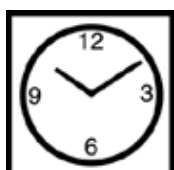
- 10 psi at air cap - HVLP.
- 22-34 psi inlet - Compliant spray guns.
- Recommended fluid nozzle is 1.3-1.4 mm.
- Recommended dry film thickness is 2.0-2.5 mils.
- Gun distance of 5-7 inches.
- Apply 2 wet coats using a limited flash of 5 minutes before applying the second coat.

APPLICATION TECHNIQUES

SPOT REPAIR TO MULTI-PANEL APPLICATION – Apply 2 coats at a gun distance of 5 – 7 inches. First coat should be even without missed areas, but not heavy and wet. A recommended 5 minute flash should be observed before the second coat of clearcoat is applied. Recommended fluid nozzle = 1.3 - 1.4 mm. Check for proper atomization. Desired film build is 2.0-2.5 mils (dry). Please consult your technical representative for training on the wet-on-wet, single application (limited flash) technique. This technique is preferred and enhances shop productivity once the technician has been trained. NOTE: For larger repairs or higher temperatures, use next higher reducer (e.g. if you are using ES55, substitute ES56).

TO BLEND CLEARCOAT EDGE – For in-panel blends, apply the second pass of the double wet coat application slightly beyond your first coat completely covering the overspray edge from the first pass. Immediately following this, melt in the overspray edge using Sherwin-Williams® Ure-Blend® 1K Urethane Blending Solvent BS11 (Aerosol). Apply only enough blending solvent necessary to melt blend edge.

DRYING SCHEDULE



	Air-Dry with ES55 or ES56 Reducers	Bake** with ES55 or ES56 Reducers
Dust Free	30 minutes	After cool down
To Sand/Buff	3 - 4 hours	30 minutes after cool down
*At 2.0 - 2.5 mils at 75°F. Applying higher film builds <u>will</u> extend the above times.		
**20 minute bake at 130°F surface temperature.		
If a second application of clearcoat is desired, the first application must be fully cured (3-4 hours air-dry or a 20 minute bake at 130°F). Scuff sand with P800 grit or finer sandpaper on a DA with interface pad. Remove sanding dust, and tack clean before applying more clearcoat.		

PERSONAL PROTECTION



- Read label, directions, and MSDS before use
- Refer to MSDS for specific information
- Wear a NIOSH approved organic vapor respirator when using this product
- Wear a NIOSH approved dust particulate mask when sanding, mixing or applying this product
- Keep product, paint and overspray off of the skin, wear goggles, coveralls, and chemical protective gloves when using this product



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REGULATORY DATA

	As Packaged		As Applied	
	Lb/Gal	G/L	Lb/Gal	G/L
Density	9.00	1078	9.38	1123
	% by Wt.	% by Vol.	% by Wt.	% by Vol.
Volatiles	53.5	53.6	58.2	57.7
Water	0.0	0.0	0.0	0.0
Exempt Compounds	40.2	37.5	44.7	40.2
	Lb/Gal	G/L	Lb/Gal	G/L
VOC Total	1.19	142	1.26	151
VOC Less Exempt	1.9	228	2.04	244.4
	Lb/Gal	KG/L	Lb/Gal	KG/L
HAPs	0.00	0.000	0.00	0.000

Label Caution Information

2.1 VOC Performance Plus Clearcoat 1100757

DANGER! HARMFUL OR FATAL IF SWALLOWED. FLAMMABLE! HARMFUL IF INHALED - MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. IRRITATES EYES, SKIN AND RESPIRATORY TRACT. Contents are FLAMMABLE. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. VAPOR HARMFUL. Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: If INHALED: If affected, remove from exposure. Restore breathing, Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

FOR PROFESSIONAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET.



SHERWIN-WILLIAMS
Automotive Finishes

1100757 2.1 VOC Performance Plus Clearcoat

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ULTRA SYSTEM® Reducers ES55 and ES56

DANGER! HARMFUL OR FATAL IF SWALLOWED. FLAMMABLE! HARMFUL IF INHALED - MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. IRRITATES EYES, SKIN AND RESPIRATORY TRACT. Contents are FLAMMABLE. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. VAPOR HARMFUL. Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Do not induce vomiting. Call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

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ULTRA SYSTEM® Low VOC Performance Plus Hardener UH902

DANGER! HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE! VAPOR AND SPRAY MIST HARMFUL, OVEREXPOSURE MAY CAUSE LUNG DAMAGE. MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTION, EFFECTS MAY BE PERMANENT. CAUSES EYE IRRITATION. HARMFUL IF INHALED - MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. Contents are COMBUSTIBLE. Keep away from heat and open flame. VAPOR AND SPRAY MIST HARMFUL. Gives off harmful vapor of solvents and isocyanates. DO NOT USE IF YOU HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS, OR IF YOU HAVE EVER HAD A REACTION TO ISOCYANATES. USE ONLY WITH ADEQUATE VENTILATION. WHERE OVERSPRAY IS PRESENT, A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR (NIOSH approved) SHOULD BE WORN TO PREVENT EXPOSURE. IF UNAVAILABLE, AN APPROPRIATE PROPERLY FITTED APPROVED NIOSH VAPOR/PARTICULATE RESPIRATOR MAY BE EFFECTIVE. Follow directions for respirator use. Wear the respirator for the whole time of spraying and until all vapors and mists are gone. If you have any breathing problems during use, LEAVE THE AREA and get fresh air. If problems remain or happen later, IMMEDIATELY call a doctor - If not available get emergency medical treatment. Have this label with you. IRRITATES SKIN AND EYES. Avoid contact with eyes and skin. In case of eye contact, flush immediately with plenty of water for 15 minutes and call a doctor - If not available get emergency medical treatment. In case of skin contact, wash thoroughly with soap and water. Clothes contaminated by a spill should be removed and laundered. Keep container closed when not in use. Reacts with water in closed container to produce pressure which may cause container to burst. Do not transfer contents to other containers for storage. FIRST AID: If INHALED: If affected, remove from exposure. Restore breathing, Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

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