



SHERWIN-WILLIAMS®
Automotive Finishes

UPO7229

PLASTIC ADHESION PROMOTER - CLEAR

Questions? Ask us at 1-800-798-5872 or log onto www.sherwin-automotive.com

PRODUCT DESCRIPTION:

UPO7229 Plastic Adhesion Promoter is a single-component, non-sanding, fast-drying adhesion promoter designed for refinishing thermoplastic bumper covers and other exterior and interior plastics. UPO7229 may be topcoated with Sherwin-Williams Premium Undercoats or ULTRA 7000® Basecoat. Additionally, UPO7229 can be mixed together with ULTRA 7000® Basecoat (unreduced / non-catalyzed) or P30 SpectraPrime® Color Primer Sealer, to create a tinted adhesion promoter to help with coverage on bare plastics.

SURFACE PREPARATION:

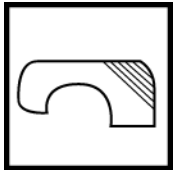
A clean substrate is essential to product performance. It must be clean and free of mold release agent.

Non-Painted/Non-Primed new plastic parts or bumpers:

1. Perform a substrate test. Using P600, dry sand a small area on the inside of the plastic part. If the part powders, it must be sanded before proceeding to step 2. If substrate gums up during sanding, proceed directly to step 2.
2. Clean all surfaces (back and front) with SC155 Low VOC Surface Cleaner along with a gold nylon scuff pad. Thoroughly rinse with clean water and wipe dry.
3. Scuff sand using a gold nylon scuff pad along with USP90 Liquid Scuffing Gel, paying close attention to small grooves and depressions.
4. Thoroughly rinse off the scuffing gel with clean water and thoroughly dry the surface.
5. Thoroughly clean the plastic substrate with FA1XPC Plastic/Anti-Static Cleaner and a gold scuff pad. Dry excess material with a clean cloth and re-apply FA1XPC, followed by wiping the part dry with a clean cloth.

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

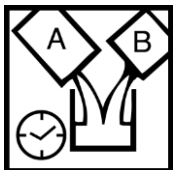
SUITABLE SUBSTRATES:



- Exterior Grade Thermoplastic Polyolefin – TPO
- Rigid, semi-rigid plastic parts and bumper covers
- **NOTE:** Do not use UPO7229 for vinyl plastic or for polycarbonate, the solvent in the product will weaken the plastics.

MIXING:

Stir or shake thoroughly and strain before using. Do not stir contents with a metal stick. Do not agitate contents on mixing machine.



There are four options for using UPO7229 Plastic Adhesion Promoter:

OPTION 1) UPO7229 – Ready to Spray

1. Apply P30 or P27 SpectraSeal® Color Primer Sealer
2. Adhesion Promoter / Sealer / ULTRA 7000® Basecoat or AWX Performance Plus™ Basecoat / Clearcoat

OPTION 2) UPO7229 and P30 SpectraPrime® Color Primer Surfacer – 4:1

1. Mix 4 Parts UPO7229 to 1 Part P30 tint or intermix (unreduced) and apply.
2. Optional: : For best performance – Apply P30 or P27 SpectraSeal® Color Primer Sealer
- P30 Tinted Adhesion Promoter / Sealer (Optional) / ULTRA 7000® Basecoat or AWX Performance Plus™ Basecoat / Clearcoat

OPTION 3) UPO7229 and ULTRA 7000® Basecoat – 3:1

1. Mix 3 Parts UPO7229 to 1 Part ULTRA 7000® Basecoat tint or intermix (unreduced) and apply.
- ULTRA 7000® Tinted Adhesion Promoter / ULTRA 7000® Basecoat / Clearcoat

OPTION 4) UPO7229 – Ready to Spray

1. Apply UPO7229
- Adhesion Promoter / ULTRA 7000® Basecoat / Clearcoat



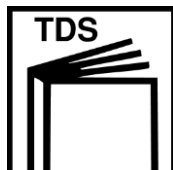
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NOTES:



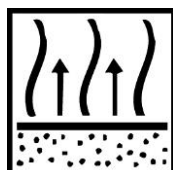
- Clean equipment immediately with R7K156, or R7K158. **DO NOT USE 4600800.**
- UPO7229 is **not** recommended for vinyl plastics or polycarbonate.
- UPO7229 can not be tinted with P27 SpectraPrime® Color Primer Surface
- UPO7229 can be taped for two-toning in 10-20 minutes.

APPLICATION:



- Apply one medium wet, even coat of UPO7229
- 6-8 psi HVLP, or 35-45 psi Conventional, at the spray gun
- Dry Film Thickness of 0.2-0.4 mils. **DO NOT EXCEED 0.4 MILS DRY FILM THICKNESS.**
- For best results, clean spray gun with R7K156 or R7K158 immediately after use. **DO NOT USE 4600800.**

RECOAT:



- Allow UPO7229 Plastic Adhesion Promoter to dry at least 10 minutes.
- If sand scratch filling is desired apply sealer after UPO7229.
- UPO7229 should be topcoated within 1 hour to ensure proper adhesion and avoid surface contamination.
- If allowed to dry over 24 hours, wash with hot water and mild detergent, rinse with clean water, dry thoroughly, and continue with repair process.
- *Do not use solvent cleaners on UPO7229 after applying.*
- If UPO7229 is allowed to dry over 7 days, scuff sand with 400 grit or finer sandpaper and re-apply.
- Recoat with P30/P27 SpectraPrime® Color Primer Sealer or ULTRA 7000® Basecoat.

REGULATORY DATA:

UPO7229 PLASTIC ADHESION PROMOTER - CLEAR						
	OPTION 1) UPO7229 – Ready to Spray		OPTION 2) UPO7229 and P30 SpectraPrime® Color Primer Surface – 4:1		OPTION 3) UPO7229 and ULTRA 7000® Basecoat – 3:1	
Volatile Organic Compounds (follows U.S. EPA VOC Data Sheet)						
Regulatory Data	OPTION 1) As Packaged		OPTION 2) As Applied		OPTION 3) As Applied	
	lb/gal	g/l	lb/gal	g/l	lb/gal	g/l
Density	7.25	868	8.41	1007	7.38	844
	% by weight	% by volume	% by weight	% by volume	% by weight	% by volume
Total Volatiles	95.0	96.0	73.4	86	88.8	91.3
Water	0.0	0.0	0.0	0.0	0.0	0.0
Exempt Compounds	0.0	0.0	0.0	0.0	0.0	0.0
Organic Volatiles	95.0	96.0	73.4	86	88.8	91.3
Percent Non-Volatile	5.0	4.0	26.6	14	11.2	8.7
	lb/gal	g/l	lb/gal	g/l	lb/gal	g/l
VOC Total	6.88	824	6.17	739	6.55	784
VOC Less Exempt	6.88	824	6.17	739	6.55	784
Hazardous Air Pollutants (Clean Air Act, Section 112(b))						
	lb/gal	kg/l	lb/gal	kg/l	lb/gal	kg/l
Volatile HAPS	6.84	0.82	5.8	0.695	5.5	0.66
VHAPS of Solids	>99.99	>11.983	41.49	4.972	63.65	7.627

PERSONAL PROTECTION:



- Read label, directions, and SDS before use
- Refer to SDS 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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Label Caution Information:

UPO7229 Low VOC Plastic Adhesion Promoter, Clear

Danger. Highly flammable liquid and vapor. Harmful if swallowed or if inhaled. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapor. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Response: IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. Get medical attention if you feel unwell. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Storage: Keep cool. Store in a well-ventilated place. Store locked up. Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations. 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. FOR PROFESSIONAL USE ONLY. Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage. Emergency telephone number US / Canada: (216) 566-2917 Mexico: SETIQ 01-800-00-214-00 / D.F. 5559-1588 24 hours / 365 days a year