

PRODUCT FEATURES

- Easy 2 to 1 Mix
- Medium High Solids
- Excellent Distinction of Image (DOI)
- Exceptional Flow and Leveling
- User Friendly

DESCRIPTION

Painters Pride #89 Series World Clear European Technology M.S. Clearcoat was designed for easy application, rapid dry and excellent flow. World Clear has a variety of activators with a simple 2:1 mix ratio. This clear provides refinishers with optimal UV resistance and gloss retention. World Clear can be air dried or baked. Use for spot, panel and overall repairs.



AVAILABILITY

<u>PART NO</u>	<u>DESCRIPTION</u>	<u>SIZE</u>	<u>PER CASE</u>
PPP-8901	WORLD CLEAR	5 Liter	2
PPP-8954	WORLD CLEAR- Fast Activator	2.5 Liter	2
PPP-8974	WORLD CLEAR- Medium Activator	2.5 Liter	2
PPP-8994	WORLD CLEAR- Slow Activator	2.5 Liter	2
PPP-8995	WORLD CLEAR—Extreme Hot Weather Activator	2.5 Liter	2

PHYSICAL PROPERTIES

Color	Transparent
Pot Life	3 hours
Flash Point	(15.6°C) 60°F
Dry Film Build	2.5 mils
Viscosity (RTS)	16" to 18" #2 Zahn Cup
EPA VOC (RTS)	≤ 4.0 (lb/gal)
ACTUAL VOC (RTS)	≤ 3.68 (lb/gal)

Weight Solids (RTS)	47.5% to 48.8%
Theoretical Coverage @ 1 mil (A+B)	667.5—678.2 sq ft per gal
Inter Coat Adhesion	Excellent
Reparability Catalyzed	Excellent
Humidity Resistant	Excellent



BASECOAT

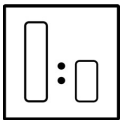
Apply basecoat per manufacturer's mixing and application instructions. Allow sufficient flash times before applying WORLD CLEAR. Inadequate flash time will affect the performance of the clear. DO NOT DEVIATE FROM THESE RECOMMENDATIONS.



DRY TIMES AT 70°F

AIR DRY: Allow clear to become hand slick (10-15 minutes) before applying the next coat. To sand & buff WORLD CLEAR, it must be allowed to cure for a minimum of 10-12 hours. All dry times are measured at 70°F, higher temperatures will provide faster curing times.

FORCED DRY: No purge necessary. Bake @140°F for 30 minutes. Only use slow activator when force drying. Allow vehicle to cool down to room temperature before sanding and buffing.



MIX RATIO

To two (2) part 8901 WORLD CLEAR, add one (1) part 8954, 8974, 8994 or 8995 ACTIVATOR



SPRAY GUN ADJUSTMENT AND SETUP

GUN TYPE: Siphon or Gravity feed HVLP or RP

NOZZLE/TIP SIZE: 1.3 or 1.4 mm is required for proper atomization when using an HVLP. If using an RP type gun 1.3mm tip is recommended..

AIR PRESSURE: 40 to 50 PSI at the gun or 7-10 PSI at the cap.

- Adjust the material flow according to product viscosity.
- Fully close the material flow knob then turn knob counter clockwise two full turns. Open or close knob 1/4 of a turn at a time until desired atomization and pattern width is achieved. Secure by means of counter nut.

Note: Proper spray gun adjustment will determine the final finish. Improper adjustment may cause paint defects such as orange peel, runs, sags, dieback, solvent entrapment and poor drying.



COLD SHOP CONDITIONS

For maximum performance, vehicle should be kept above 70°F. Temperatures below 60°F will severely retard dry times and through cure.

GENERAL INFORMATION

- Always consider the following when choosing an activator: the size of the vehicle (is it a bus or a fender?), the temperature, humidity and air movement.
- Follow the recommendations listed on the activator selector table above for best results.

PAINTING FLEXIBLE PARTS: A flexible additive may be needed when painting certain flexible parts. Follow manufacturers recommendations.

FISH EYE: The use of fish eye eliminator is strongly discouraged. If a fish eye additive is needed, use urethane fish eye eliminator, mix 1/2 ounce per sprayable quart. Use no more than necessary as it will directly affect flow out of WORLD CLEAR.



APPLICATION

Apply 2 to 3 full wet coats from a distance of 6 to 8 inches; allow coats to become hand slick (approx. 5 to 10 min) before applying the next coat. Apply all coats within 1½ hours. If sanding and buffing, three coats of clear must be applied for long-term durability.

EQUIPMENT CLEANING

Clean equipment with a compliant solvent. Refer to appropriate Air Quality District requirements for proper use of equipment and solvents. Do not leave catalyzed product in the gun more than 2 hours.

PRODUCT SAFETY INFORMATION

Before using any PAINTERS PRIDE product, be sure to read all safety directions and warnings. WEAR PROPERLY FITTED AIR PURIFYING RESPIRATOR with organic vapor cartridges (NIOSH approved TC-23C) and particulate filter (NIOSH TC-84A), eye protection, gloves and protective clothing during application and until all vapors and spray mists are exhausted. In confined spaces, or in situations where continuous spray operations are typical, or if proper air purifying respirator fit is not possible, wear a positive-pressure, supplied air respirator (NIOSH TC-19). In all cases follow respirator manufacturer's directions for respirator use. When mixed, also contains Isocyanate. Do not permit anyone without protection in the painting area. FOR USE ONLY BY TRAINED PROFESSIONALS. Not for sale to or use by the general public. For more information CONSULT MATERIAL SAFETY DATA SHEET.