



DURAFIL

AUTO TECHNOLOGIES INC.

Part No.: PU-8000

Low VOC Compliant

PDS Form:

PU8000/LVCAUS/0619_V03

COLOUR-FIL PU-8000

POLYURETHANE PAINT, ISO-FREE



COLOUR-FIL PU-8000 Polyurethane Paint is a premium quality, single stage, DTM, Low VOC topcoat. **PU-8000** is iso-free and has been formulated with premium ingredients to provide you with the ultimate in performance. This easy to use topcoat system offers exceptional application properties, film build, coverage and leaves behind a long-lasting, durable, rich, high gloss finish everytime! **PU-8000** can be applied direct-to-metal (DTM) and used over all properly prepared OEM finishes and fully cured finishes. From spot panel repairs to overall refinishing, or as a fleet finish **PU-8000** will provide you with the finish you expect from a polyurethane system. It covers quickly, which means you use less material. **PU-8000's** fast dry formula will increase productivity in your facility while reducing your labour and topcoat costs ... making it a very economical paint line. You have a choice of three Reducers **R-121, R-122, R-123** to meet your speed of dry requirements. Select the appropriate reducer to extract the optimum performance from our **PU-8000** Low VOC Polyurethane paint line.

Mix Ratio: 4 Parts Paint : 1 Part Reducer

Required Catalyst: None

Reducer: R-121/R-122/R-123
FAST-FIL, MEDIUM-FIL or SLOW-FIL
Reducer



Refer to Product Data
Sheet (PDS) PU-8000
for more information

Part No.	Description	Size	Units/ Case
PU-8000	COLOUR-FIL Polyurethane Paint	3.78 L/1 US Gallon	4
PU-8000.5	COLOUR-FIL Polyurethane Paint	18.9 L/5 US Gallons	Ea.
R-121	FAST-FIL Fast Reducer	3.78 L/1 US Gallon	2
R-121.5	FAST-FIL Fast Reducer	18.9 L/5 US Gallons	Ea.
R-122	MEDIUM-FIL Medium Reducer	3.78 L/1 US Gallon	2
R-122.5	MEDIUM-FIL Medium Reducer	18.9 L/5 US Gallons	Ea.
R-123	SLOW-FIL Slow Reducer	3.78 L/1 US Gallon	2
R-123.5	SLOW-FIL Slow Reducer	18.9 L/1 US Gallon	Ea.

FEATURES

Rich, High Gloss Finish

Low V.O.C.

Excellent Flow Out

Excellent Coverage

Iso-Free

Excellent Hiding

Excellent Flexibility

Excellent Durability

Excellent Chemical Resistance

COLOUR-FIL PU-8000

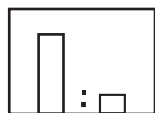
POLYURETHANE PAINT, ISO-FREE

COLOUR-FIL PU-8000 is a premium quality, Low VOC single component polyurethane topcoat which will provide you with the ultimate in performance. **PU-8000** is for your day-to-day repairs, from spot panel repairs to overall refinishing, or as a fleet finish, air dry or force dry. This iso-free, easy to use topcoat offers exceptional application properties, coverage, film build and leaves behind a durable, long-lasting, high gloss finish everytime! **PU-8000** can be applied over properly prepared OEM finishes and fully cured finishes. **PU-800** gets the job done fast as a result of its' excellent drying and hiding properties. **PU-8000** covers quickly, which means you use less material and save time. This topcoat will increase productivity in your facility while reducing your labour and topcoat costs ... making the **PU-8000** a very economical topcoat to use.

PACKAGING:

3.78 L / 1 US GALLON PER CAN 4 CANS PER CASE
18.9 L / 5 US GALLONS PER PAIL

MATERIALS:



POLYURETHANE PAINT

PU-8000 COLOUR-FIL POLYURETHANE PAINT

REDUCER

R-121/R-121.5 FAST-FIL FAST REDUCER or
R-122/R-122.5 MEDIUM-FIL MEDIUM REDUCER or
R-123/R-123.5 SLOW-FIL SLOW REDUCER

SURFACE PREPARATION:



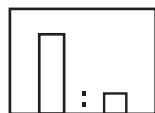
Prepare a clean surface free of dirt, oil, wax, rust, and other contaminants. Properly prepare and clean all surfaces to be refinished consistent with good painting practices. It is recommended to dry sand the surface area with 400 grit sandpaper or finer, or wet sand with 800 grit sandpaper or finer.

PROTECTION:



Use only in a well ventilated area. Always wear the appropriate safety equipment. Consult with safety equipment supplier to ensure the proper safety equipment and protective clothing are being used.

MIX RATIO:



4 : 1

4 Parts by Volume

PU-8000 COLOUR-FIL Polyurethane Paint

1 Part by Voume

R-121/R-121.5, R-122/R-122.5, or R-123/R-123.5 Reducer



Stir mixture thoroughly and strain.
 Let mixture stand for 5 minutes before using.

PRODUCT DATA SHEET

PART NUMBER: PU-8000

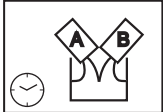
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POT LIFE:



Not Applicable

SPRAY PRESSURE:



HVLP Spray Gun: 1.3 - 1.4 mm nozzle, 8 - 10 psi at ai cap (maximum)

Compliant Gravity Gun: 1.3 - 1.4 mm nozzle, 28 - 30 psi at the gun

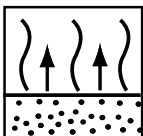
** For best results, refer to spray gun manufacturer's recommendations for inlet air pressures*

APPLICATION:



Using 28 - 30 psi at the gun, apply 2 - 3 wet coats of the mixture.

FLASH TIME:



At 21°C / 70°F

For Small Refinish Surfaces (up to 2 panels): Allow a 5 minute flash time between coats.

For Larger Refinish Surfaces (greater than 2 panels): Apply wet-on-wet. No flash time required.

** The flash time between coats will vary depending on the amount of material applied, temperature, and air flow.*

Note: Do NOT apply **PU-8000** paint over fresh or uncured coatings. Refinish surface must be completely cured prior to applying **PU-8000**.

DRY TIME:



Air Dry at 21°C / 70°F: Dust Free 25 - 30 Minutes ** will vary per colour*

Dry 2 - 3 Hours

** Dust Free and Dry times will vary according to amount of material applied, temperature, and air flow*

Dry to Polish 12 Hours/Overnight

Before baking allow a 10 - 15 minute flash period at 21°C / 70°F after application of final coat. Bake for 25 minutes at 60°C / 140°F. Baking time will depend on amount of material applied. Let cool for 15 - 20 minutes before handling.

Force Dry at 60°C/140°F: Dry 30 Minutes

Dry to Polish 1 - 1 ½ Hours after cooling



PDS Form:
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TECHNICAL INFORMATION:

Appearance:	Coloured Liquid
Weight Per Gallon:	3.56 kg - 4.49 kg / 7.84 lbs - 9.90 lbs Average
Specific Gravity:	0.941 - 1.187
% Solids By Weight:	36 - 59
Coats To Apply:	2 - 3
Recommended Dry Film:	3 - 4 mils
Dust Free Time:	25 - 30 Minutes @ 21° C / 70° F * <i>will vary per colour</i>
Pot Life:	Not Applicable
Mix Ratio:	4 Parts Paint : 1 Part Reducer
Required Catalyst:	None
Required Reducer:	R-121/R-122/ or R-123 Reducer
Salt Spray:	250 Hours per ASTM B117

SAFETY & HANDLING:

Important: For Industrial Use Only by trained professionals using proper safety equipment. Prior to using be sure to read and understand the warnings of this product and all products it may require, since the mixture will have the hazards of all its components. Observe all precautions for all components. Use only with adequate ventilation and wear the appropriate safety equipment. Refer to Safety Data Sheet (SDS) for more and current information regarding this product and handling instructions.

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