DURAFIL
AUTO TECHNOLOGIES INC.

Part No.: C-9800
Low VOC Compliant

PDS Form:
C9800/LVCDAUS/0818_V02

GLOSS-FIL C-9800

HIGH PERFORMANCE URETHANE CLEARCOAT

GLOSS-FIL C-9800 is a High Performance, Low VOC, two component Urethane Clearcoat. The unique Low VOC formulation of the **C-9800** is ideal for those special multi-panel and overall repairs. **C-9800** should be your choice of clear when nothing but the best will do. This two component high solids clearcoat system thas been formulated with premium resins and additives to deliver a rich, durable, long lasting high gloss finish with exceptional DOI! **C-9800** will provide you with excellent flow, levelling, hardness and polishing properties. It is suitable for both air dry and force dry applications. This easy-to-use system will leave behind a rich high gloss finish everytime! Select your speed of dry Hardener: our medium dry **H-9802** or our slow dry Hardener **H-9803** to meet your speed-of-dry requirements. We suggest that you select either the medium speed of dry Reducer **R-122/R-122.5** or the slow dry Reducer **R-123/R-123.5** to extract the optimum performance properties of the **C-9800** High Performance Urethane Clearcoat system.

Mix Ratio: 4 : 1 : 1

Required Catalyst: H-9802 or H-9803
GLOSS-FIL MEDIUM HARDENER OR
SLOW HARDENER

Reducer: R-122/R-122.5 or R-123/R-123.5
MEDIUM-FIL or SLOW-FIL REDUCER

Part No.	Product	Units	Units/ Case
C-9800	GLOSS-FIL Urethane Clearcoat	3.78 L/1 US Gallon	4
H-9802	GLOSS-FIL Medium Dry Hardener	946 ml/1 US Quart	8
H-9803	GLOSS-FIL Slow Dry Hardener	946 ml/1 US Quart	8
R-122	MEDIUM-FIL Medium Reducer	3.78 L/1 US Gallon	4
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	4
R-123.5	SLOW-FIL Slow Reducer	18.9 L/5 US Gallons	Ea.

PDS
Refer to Product Data Sheet (PDS)
C-9800 for more information

FEATURES

- Low VOC System
- Excellent DOI
- Excellent Application Properties
- Excellent Polishing Properties
- Rich, High Gloss Finish
- Excellent Flow & Levelling Properties
- Formulated For Multi-Panel And Overall Repairs
- Excellent Resistance to Weathering & Yellowing

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GLOSS-FIL C-9800

HIGH PERFORMANCE URETHANE CLEARCOAT

GLOSS-FIL C-9800 is a high quality, Low VOC High Performance Urethane Clearcoat system. This two component urethane system has been formulated with premium ingredients and will provide you with excellent application, flow and levelling, hardness and polishing properties. **C-9800** is ideal for those special day-to-day multi-panel and overall repairs. It can be used in both air dry and force dry applications and can be applied over waterbased and solvent basecoats. Looking for a high performance clearcoat that will leave behind a durable, smooth, rich, high gloss finish everytime? Then the **C-9800** should be your clearcoat of choice. Select the appropriate Hardener and Reducer to extract the optimum performance properties of this clearcoat system.

PACKAGING: **3.78 L / 1 US GALLON PER CAN** **4 CANS PER CASE**

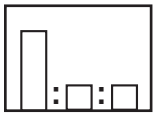
MATERIALS:

CLEARCOAT	**C-9800**	GLOSS-FIL URETHANE CLEARCOAT
HARDENER	**H-9802**	GLOSS-FIL MEDIUM HARDENER or
	H-9803	GLOSS-FIL SLOW HARDENER
REDUCER	**R-122 / R-122.5**	MEDIUM-FIL MEDIUM REDUCER or
	R-123 / R-123.5	SLOW-FIL SLOW REDUCER

PROTECTION:

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

MIX RATIO:



4 : 1 : 1

4 Parts **C-9800** GLOSS-FIL High Performance Urethane Clearcoat

1 Part **H-9802 or H-9803** GLOSS-FIL Medium or Slow Hardener

1 Part **R-122/R-122.5 or R-123/R-123.5** MEDIUM-FIL OR SLOW-FIL Reducer

Stir mixture thoroughly and strain.

PRODUCT DATA SHEET

PART NUMBER.: C-9800

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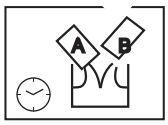
POT LIFE:



2 Hours @ 21 °C / 70°F

SPRAY PRESSURE:

Conventional: 1.2 mm / 25 - 30 psi at the gun

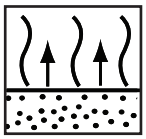
HVLP: 1.2 mm / 6 - 8 psi at the air cap

** Please refer to spray gun manufacturers' recommendations for proper spray pressure.*

APPLICATION:

Using 25 - 30 psi, **75°F** apply 2 wet coats of the **C-9800** mixture until desired build is achieved. Apply a third coat if necessary, using the same procedure.

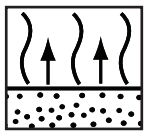
FLASH TIME:



5 - 10 Minutes

Allow 5 - 10 minutes flash time at a temperature **less than 75°F.**

BAKING:

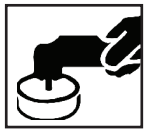


10 Minutes

30 Minutes
60°C / 140°F

C-9800 may be air dried or force dried. Allow a 10 minute flash time from application of the final coat. If desired, bake for 30 minutes at 60°C / 140°F. Let cool for 15 minutes.

POLISHING:



If polishing is necessary to remove minor dirt nibs, allow the following time to lapse before polishing the surface:

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TECHNICAL INFORMATION:

Force Dry at 60˚C/ 140˚F:	30 Minutes
Air Dry at 21˚C/ 70˚F:	12 Hours / Overnight
Appearance:	Clear Liquid, Water White
Weight Per Gallon:	3.70 kg / 8.16 lbs (at S.G. 0.978)
% Solids by Weight: (C-9800 Only)	42 ± 2
% Solids By Weight, RTS: (Ready-To-Spray)	45 ± 2
Pot Life:	2 Hours @ 21° C / 70° F
Mix Ratio By Volume:	4 : 1 : 1
Coats To Apply:	2 - 3

SAFETY & HANDLING:

Important: For Industrial Use Only by trained professionals using proper safety equipment and protective clothing. 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 and protective clothing. Refer to Safety Data Sheet (SDS) for more and current information regarding this product and handling instructions.

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