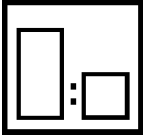


Proair Clear

FOR PROFESSIONAL USE ONLY

Description

The **Lesonal™** ProAir Clear is an acrylic urethane clearcoat for use over **Lesonal™** Basecoat SB and Basecoat WB (National Rule) intended for applications in cross flow and air-dry conditions. ProAir Clear offers excellent resistance to surface contamination with excellent gloss, making it an ideal choice for air dry environments.



3:1

–3 Parts ProAir Clear

–1 Part ProAir Clear Fast Hardener or 1 Part ProAir Clear Slow Hardener



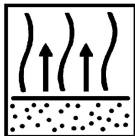
Use Lesonal Measuring Stick #7



2 Coats

Siphon Feed: 1.6–1.8mm

Gravity HVLP: 1.3–1.5mm



5-10 minutes at 70°F (20°C)



Fast Hardener:

2–3 Hours at 70°F (20°C)

Slow Hardener:

8 Hours at 70°F (20°C)

**Use suitable respiratory protection**

Contains acrylic resins, methylethyl ketone, methyl amyl ketone and other ingredients. When mixed with hardener also contains polyisocyanates.

Read complete TDS for detailed product information



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Product and additives

- Product:** -**Lesonal™** ProAir Clear
- Hardeners:** -**Lesonal™** ProAir Clear Slow Hardener: a general-purpose slow hardener for larger areas and overall refinishing. Temperatures of 60°F-105°F (16°-38°C).
-**Lesonal™** ProAir Clear Fast Hardener: a general purpose fast hardener for medium and spot and panel repairs. Temperatures of 60°F-90°F (16°-32°C).
- Additives:** -**Lesonal™** Flex Additive: additive to increase flexibility for use on flexible parts.
-**Lesonal™** Accelerator: a catalyst additive, providing faster hardening of the ProAir Clear.
-**Lesonal™** Mat Clear: a specialclearcoat with a mat finish. The gloss of **Lesonal™** ProAir Clear can be reduced with blending of **Lesonal™** Mat Clear.

Basic raw materials

- Lesonal™** ProAir Clear: acrylic resin.
- Lesonal™** ProAir Clear Fast Hardener: polyisocyanate resins.
- Lesonal™** ProAir Clear Slow Hardener: polyisocyanate resins.

Suitable surfaces

- Lesonal™** Polyurethane Topcoats when accelerated.
- Lesonal™** Basecoat SB.
- Existing finishes that have been sanded and cleaned.
- Lesonal™** Basecoat WB (National Rule)

Mixing ratio

Mix: 3 parts by volume of ProAir Clear, with
1 part of ProAir Clear Fast Hardener or ProAir Clear Slow Hardener
For easy and accurate mixing, use the Lesonal Measuring Stick #7.

Spraying viscosity

13-15 seconds DIN cup #4, 70°F (20°C).

Pot life

- ProAir Clear Fast Hardener: 3–4 Hours at 70°F (20°C)
ProAir Clear Slow Hardener: 3–4 Hours at 70°F (20°C)

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Spray gun & pressure

	Fluid Tip	Spraying Pressure
Siphon Feed	1.6–1.8 mm 0.063"–0.071"	40–50 psi (3–4 bar)
Gravity Feed	0.051"–0.059" (1.3–1.5 mm)	40–50 psi (3–4 bar)
HVLP Siphon	0.071"–0.087" (1.8–2.2 mm)	max. 10 psi (air cap)
HVLP Gravity	0.051"–0.059" (1.3–1.5 mm)	max. 10 psi (air cap)

Application method

Apply one single flowing coat. Allow the coat to flash 5-10 Minutes or until completely flashed-off. Apply a second flowing coat.

Note: For larger vehicles and higher temperatures, 10% **Lesonal™** Reducer can be added to improve flow and leveling.

Flash times

5-10 minutes at 70°F (20°C)

Drying times

Below is a table showing the drying times of **Lesonal™** ProAir Clear. The air-dry times stated may vary with insufficient airflow.

Metal Temp.	Drying	Fast Hardener	Slow Hardener
70°F (20°C)	Dust Free Tack Free Dry to Polish	10 min 30 min 2-3 hr	20 min 1 hr 8 hr

Drying times (Lesonal Accelerator)

Below is a table showing the drying times of **Lesonal™** ProAir Clear and the addition of 2-4 capfuls or ½ -1 ounce per sprayable quart of **Lesonal™** Accelerator. When temperatures are below 70°F (20°C), **Lesonal™** Accelerator is highly recommended to reduce surface contamination.

Metal Temp.	Drying	Fast Hardener	Slow Hardener
70°F (20°C)	Dust Free Tack Free Dry to Polish	5 min 20 min 1-2 hr	10 min 40 min 3-4 hr

Recoatibility

Lesonal™ ProAir Clear can be recoated with itself at any stage. Sanding will become necessary after 24 hours.



Proair Clear

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Flexible parts

Mix ProAir Clear (5:1) with **Lesonal™** Flex Additive before adding the appropriate hardener. (See Flex Additive technical data sheet.)

Film thickness

1.2–1.5 mils per single coat.

Cover rate

Approximately 270 sq. ft./liter per coat of unmixed paint.

Decals

Decals can be applied after 48 hours at 70°F (20°C).

Lettering

Hand striping or lettering must be applied within 48 hours for good adhesion. After 48 hours, scuff with a gray scuffing pad.

Stock keeping

Color: Clear

Shelf life:
–**Lesonal™** ProAir Clear: Two years if stored unopened at room temperature.
–**Lesonal™** ProAir Clear Hardeners: One year if stored unopened at room temperature.

Safety aspects

Ready to Spray VOC

When mixed ready to spray (3:1)

Lesonal™ ProAir Clear yields a VOC content of: 3.96 lb/gal 475.2 g/liter

Notice: Do not handle until the Material Safety Data Sheets have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all chemicals with which they come in contact. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

Akzo Nobel Car Refinishes Inc. North America

Address: 5555 Spalding Drive, Norcross. GA 30092 USA

Tel: 770-662-8464

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IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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