

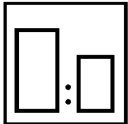
Autocryl® Elast-O-Actif

FOR PROFESSIONAL USE ONLY

Description

Car body parts made of deformable plastics require special flexible paints. Use of LV Elast-O-Actif will greatly improve the flexibility and impact resistance to such an extent that the coatings can tolerate deformation of the plastic part without cracking or chipping.

Example: To prepare Autoclear III for flexible parts



100:10
Autoclear III
Autocryl Elast-O-Actif



Use the Sikkens Measuring Stick #14 (Blue)
(Use first two columns)



Stir this mixture



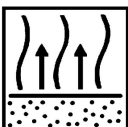
100:50:30
Autoclear III with Autocryl Elast-O-Actif
Sikkens Standard Hardener
Sikkens Rapid Activator



Use the Sikkens Measuring Stick #1 (Black)



2x1
HVLP Siphon
0.071"–0.087" (1.8–2.2 mm)
HVLP Gravity
0.051"–0.059" (1.3–1.5 mm)
Max 10 psi (max 0.8 bar)



5-10 minutes at 70°F (20°C)



4-5 hours at 70°F (20°C)
10-15 minutes at 140°F (60°C)



Use suitable respiratory protection

Contains xylene and other ingredients. When mixed, also contains isocyanates.

Read complete TDS for detailed product information



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Product

Autocryl Elast-O-Actif

Basic raw materials

Special polyester resin

Suitable surfaces

Autocryl Elast-O-Actif is suitable to be added to the following products:

- Colorbuild
- Autosurfacer 2+1HS
- Autocryl
- Sikkens Clearcoats

Note: Do not use Elast-O-Actif in Autobase Plus.

Mixing ratio (example)

100 Parts by volume of Autoclear III

10 Parts by volume of Autocryl Elast-O-Actif

For easy and accurate mixing, use the Sikkens Measuring Stick #14 (Blue), use the first two columns.

After adding Elast-O-Actif to the topcoat, this material must be further prepared as follows:

100 Parts by volume of Autoclear III with Elast-O-Actif

50 Parts by volume of Sikkens Standard Hardener

30 Parts by volume of Sikkens Rapid Activator

For easy and accurate mixing, use the Sikkens Measuring Stick #1 (Black).

Depending on the flexibility of the plastic parts, we differentiate between the following categories:

1. Hard plastic parts i.e. Mirror covers, rear spoilers (xenoy alloy)
2. Flexible parts i.e. Bumper covers, Lexus cladding parts
3. Soft parts i.e. Rear spoilers (foam)

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	Hard Parts	Flexible Parts	Soft Parts
Plastoflex Primer, or Primer PO (for untreated plastics)	X	X	X
Colorbuild	X		
Colorbuild with 33% Elast-O-Actif		X	
Colorbuild with 50% Elast-O-Actif			X
Autosurfacer 2+1 HS	X		
Autosurfacer 2+1 HS with 33% Elast-O-Actif		X	
Autosurfacer 2+1 HS with 50% Elast-O-Actif			X
Autocryl	X		
Autocryl with 33% Elast-O-Actif		X	
Autocryl with 50% Elast-O-Actif			X
Autoclear III	X		
Autoclear III with 10% Elast-O-Actif		X	
Autoclear III with 33% Elast-O-Actif			X
Sikkens Clearcoats	X		
Sikkens Clearcoats with 33% Elast-O-Actif		X	

Note: ELAST-O-ACTIF IS NOT PERMITTED IN AUTOBASE® PLUS.

In the case of application of Autobase® Plus on soft (foam) spoilers. It is necessary to add 10% Sikkens Standard Hardener or Autoclear II LV Hardener to the base coat before continuing to add Autobase Plus Reducer.

Application method

Application method will not change by adding Elast-O-Actif to the products. Please see the TDS relative to the product chosen for correct application and drying times.

Stock keeping

Color: Clear
Container size: 1 liter
Shelf life: Two years if stored at room temperature in original container.

Safety aspects

Ready to Spray VOC

Autoclear III/Autocryl Elast-O-Actif (100:10)

Then mixed 100:50:30 with Standard Hardener and Rapid Activator:

Note 1: 4.1 lb/gal 495 g/liter

Note 2: 3.8 lb/gal 460 g/liter

Note 1: VOC less water and less exempt solvent (Rule 1151 compliance).

Note 2: VOC calculated including water and exempt solvents.

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.



North America

Technical Data Sheet 6.8
Additives
06.30.2010

Autocryl® Elast-O-Actif

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Akzo Nobel Car Refinishes Inc. North America

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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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