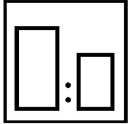


# LV Elast-O-Actif

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.



100:10

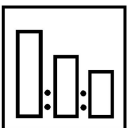
- Autoclear Superior 250
- LV Elast-O-Actif



Use the Sikkens Measuring Stick #14 (Blue)



Stir this mixture



3:2:1

- Superior 250 with LV Elast-O-Actif
- Autoclear Superior 250 Hardener
- Autoclear Superior 250 Reducer

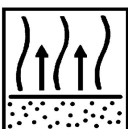


Use the Sikkens Measuring Stick #250 (Green)



2x1

HVLP-Gravity 1.3-1.4 mm  
max 10 psi (air cap)



3-5 minutes at 70°F (20°C)



5 hours at 70°F (20°C)  
25 minutes at 140°F (60°C)



### Use suitable respiratory protection

AkzoNobel Car Refinishes recommends the use of a fresh air supply respirator

Read complete TDS for detailed product information



# LV 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.

## Product

LV Elast-O-Actif

## Basic raw materials

Special polyester resin

## Suitable surfaces

-Untreated plastic parts; clean with Sikkens Anti-Static Surface Cleaner or an appropriate VOC compliant cleaner. After proper identification and preparation, untreated plastic parts must first be primed with an elastomeric coating such as Plastoflex Primer, Primer PO or Colorbuild 2.1-2.8 Primer Sealer with All Plastic Primer reducer: a special reducer for use with Colorbuild 2.1-2.8 Primer Sealer for application on previously unpainted plastic parts. Also to increase the flexibility for use on plastic parts.

Please see the Technical Data Sheet relative to the product chosen.

-Pre-painted plastic parts should be treated as an existing finish. After sanding and cleaning, apply topcoat mixed with LV Elast-O-Actif.

## Mixing ratio

Mix 100 parts by volume of Product  
33 parts by volume LV Elast-O-Actif

For easy and accurate mixing, use the Sikkens Measuring Stick #9 (Grey)

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

Mix 100 parts by volume of topcoat with LV Elast-O-Actif  
50 parts by volume Autocoat LV Hardener Fast, Standard or Slow  
25 parts by volume of Autocoat LV Reducer.

For easy and accurate mixing, use the Sikkens Measuring Stick #11 (Blue)

**Note:** As in the example above, LV Elast-O-Actif should always be added prior to hardener or reducer.

## Suitability

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

- |                     |                         |
|---------------------|-------------------------|
| -Colorbuild 2.1-2.8 | -Autoclear II LV        |
| -Autocoat LV        | -Autoclear Superior 250 |
| -Autoclear HS + LV  | -Autowave               |

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)                       |

# LV Elast-O-Actif

FOR PROFESSIONAL USE ONLY

Below is a table describing the various products that may be applied to hard, flexible and soft plastic parts.

	Hard Parts	Flexible Parts	Soft Parts
Primer PO or Plastoflex Primer (for untreated plastics)	X	X	X
Colorbuild 2.1-2.8 Primer Surfacer with 33% LV Elast-O-Actif:		X	
Colorbuild 2.1-2.8 Primer Sealer with 33% LV Elast-O-Actif:		X	
Colorbuild 2.1-2.8 Primer Surfacer with 50% LV Elast-O-Actif:			X
Autocoat LV	X		
Autocoat LV with 33% LV Elast-O-Actif:		X	X
Autoclear II LV	X		
Autoclear II LV with 33% LV Elast-O-Actif:		X	
Autoclear II LV with 100% LV Elast-O-Actif:			X
Autoclear HS + LV	X		
Autoclear HS + LV with 10% LV Elast-O-Actif:		X	X
Autoclear Superior 250	X		
Autoclear Superior 250 with 10% LV Elast-O-Actif		X	X
Autowave	X		
Autowave with LV Elast-O-Actif:			

**Note:** Do not use LV Elast-O-Actif in Autobase Plus. In the case of application of Autobase Plus on soft (foam) spoilers it is necessary to add 10% Autoclear II LV Hardener or Autoclear HS + LV Hardener to the base coat before continuing to add Autobase Plus Reducer.

### Application method

Application method will not change by adding LV Elast-O-Actif to the products. For correct application and drying times, please refer to the appropriate Technical Data Sheet.

### Stock keeping

- Color:** Clear
- Container size:** 1 quart (946 ml)
- Shelf life:** One year if stored at room temperature in original container.

### Safety aspects

#### Ready to Spray VOC

Colorbuild 2.1-2.8 Primer Surfacer / 33% LV Elast-O-Actif:	1.76 lb/gal	211 g/liter
Colorbuild 2.1-2.8 Primer Sealer 33% LV Elast-O-Actif:	2.50 lb/gal	300 g/liter
Colorbuild 2.1-2.8 Primer Surfacer / 50% LV Elast-O-Actif:	1.75 lb/gal	210 g/liter
Autocoat LV / 33% LV Elast-O-Actif:	3.40 lb/gal	408 g/liter
Autoclear II LV / 33% LV Elast-O-Actif:	1.65 lb/gal	198 g/liter
Autoclear HS + LV / 10% LV Elast-O-Actif:	1.90 lb/gal	228 g/liter

**LV Elast-O-Actif**

FOR PROFESSIONAL USE ONLY

**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****FOR PROFESSIONAL USE ONLY**

**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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