

LV Flex Agent

FOR PROFESSIONAL USE ONLY

Description

Car body parts made of deformable plastics require special flexible paints. Use of LV Flex Agent will greatly improve the flexibility to such an extent that the coatings can tolerate deformation of the plastic part without cracking or chipping

Urethane primer-surfacers and sealers:
 2 parts by volume of Primer Surfacer
 1 part by volume LV Flex Agent



Clearcoats and single stage systems:
 3 parts by volume of Single stage/Clearcoat
 1 part by volume LV Flex Agent

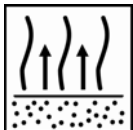
Finish product RTS according to normal TDS mixing ratio.



See Technical Data Sheet of the Topcoat or Clearcoat



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Use suitable respiratory protection
 Akzo Nobel Car Refinishes recommends the use of a fresh air supply respirator

Read complete TDS for detailed product information

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Car body parts made of deformable plastics require special flexible paints. Use of U-Tech LV Flex Agent will greatly improve the flexibility to such an extent that the coatings can tolerate deformation of the plastic part without cracking or chipping

Product and additives

Product LV Flex Agent

Basic raw materials

LV Flex Agent: special polyester resin

Suitable Substrates

- Untreated plastic parts; degrease with appropriate VOC compliant cleaner degreaser. Untreated plastic parts must first be primed with PAP 722 Plastic Adhesion Promoter. 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 primer, single stage or clearcoat mixed with LV Flex Agent.

Suitable Applications

LV Flex Agent may be used in:

- All U-Tech primers and Fillers
- All U-Tech single stage topcoats
- All U-Tech clearcoat

NOTE:

DO NOT USE U-Tech LV Flex Agent IN:

- 200 color with C200 Flex,
- 460 Flex Urethane Sealer,
- U-Tech Epoxy Primer/Sealer,
- Polybase or Polybase or Polybase Plus basecoats

Mixing Ratio



All U-Tech urethane primer-surfacers and sealers:

2 parts by volume of Primer Surfacer
1 part by volume LV Flex Agent

This material must be further prepared per the products normal TDS mixing ratio recommendations.

All U-Tech clearcoats and single stage systems:

3 parts by volume of Single stage/Clearcoat
1 part by volume LV Flex Agent

This material must be further prepared per the products normal TDS mixing ratio recommendations.

NOTE: As in the above, LV Flex Agent should always be added prior to hardener or reducer.

Application process



See Technical Data Sheet of the Topcoat or Clearcoat



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VOC

2K100 Urethane Primer Surfacer	4.2 lb/gal	504 g/liter
2K High Build Urethane Primer Surfacer	3.9 lb/gal	474 g/liter
2K20 High Build Urethane Primer Surfacer	4.1 lb/gal	499 g/liter (Less exempt 2.3 lb/gal, 284 g/liter)
460 Urethane Tintable Sealer	4.6 lb/gal	560 g/liter (Less exempt 4.4 lb/gal, 528 g/liter)
200 Acrylic Urethane System	4.6 lb/gal	559 g/liter
3.8 High Solids Polyurethane System	3.8 lb/gal	459 g/liter
3.5 HSP Single Stage System	3.5 lb/gal	420 g/liter
2.8 HSP Single Stage System	3.5 lb/gal	420 g/liter (Less exempt 3.0 lb/gal, 367 g/liter)
MS Mid Solids Clearcoat	4.3 lb/gal	516 g/liter
4.0 Select Clearcoat	3.9 lb/gal	477 g/liter (Less exempt 3.8 lb/gal, 459 g/liter)
HS21 Single Coat High Solids Clearcoat	3.9 lb/gal	475 g/liter (Less exempt 2.2 lb/gal, 268 g/liter)

Product storage

Store products unopened, and used products with closed lids preferably between 60°F-95°F (10°C-35°C)
Avoid too much temperature fluctuation, optimal storage temperature approximately 70°F (20°C)

- o LV Flex Agent: 12 months

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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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