

# HL5500 HEADLIGHT REPAIR KIT



## PRODUCT DESCRIPTION

Cromax expressly states that this document is merely a recommendation on the possible use of the headlight repair-kit. Any liability of Cromax related to the recommendation is excluded and the use of the headlight-repair kit is at the user's own risk and responsibility unless provided differently by law.

Modern repair system with high-grade paint materials in aerosol cans.

Developed to repair small scratches and yellowing of headlight lenses made of polycarbonate. \*Cromax means the local Axalta-entity

## FEATURES

- 01** Dedicated paint system
- 02** Repair instead of costly replacement
- 03** The waterborne PS5501A 1K Headlight Primer protects polycarbonate and provides adhesion to the substrate and to our CC5502A 2K Headlight Clear.
- 04** Lasting protection thanks to protective coating

# TECHNICAL DATA SHEET

**HL5500**



## HEADLIGHT REPAIR KIT

### Product preparation - application DR5500A Headlight Degreaser



It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.

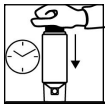


Headlight lenses made of polycarbonate

1. Mask the rear part of the headlight.
  2. Carefully clean the lens with DR5500A Headlight Degreaser
- Use only DR5500A Headlight Degreaser to avoid damaging the substrate.



Ready to use



Not applicable



The sanding process always refers to the complete headlight lens.  
Clean with DR5500A between the sanding steps.

Sanding step 1: dry sand by machine with P180 using Mirka Abranet (without interface pad) (manually at edges and corners)

Sanding step 2: dry sand by machine with P320 using Mirka Abranet (without interface pad) (manually at edges and corners)

Sanding step 3: dry sand by machine with P500 using Mirka Abranet (with interface pad) (manually at edges and corners)

Sanding step 4: dry sand by machine with P800 using Mirka Abranet (with interface pad) (manually at edges and corners)

Sanding step 5: wet sanding by machine with P1000 using Mirka Abralon (manually at edges and corners)

Sanding step 6: wet sand by machine with P2000 using Mirka Abralon (manually at edges and corners)

Clean with DR5500A Headlight Degreaser.  
Check if the substrate is transparent and free of sanding marks.

VOC compliant

2004/42/IIIB(e)(840) 690: The EU limit value for this product (product category: IIB(e)) in ready to use form is maximum 840 g/l of VOC. The VOC content of this product in ready to use form is maximum 690 g/l.

# TECHNICAL DATA SHEET

**HL5500**



## HEADLIGHT REPAIR KIT

### Product preparation - application PS5501A 1K Headlight Primer



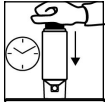
It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



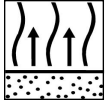
Shake before use. (for at least 2 minutes)  
Make a spray test after shaking.

PS5501A 1K Headlight Primer forms an opaque film. Full transparency is only achieved by the following protective coating with CC5502A 2K Headlight Clear.

It is important that the primer homogeneously covers the entire headlight lens.



Not applicable



1 closed and milky film applied in one go.

flash-off until matt: 40 min at 20°C

10 - 15 cm distance from the object during application.

10 - 15 µm film thickness

VOC compliant

2004/42/IB(e)(840) 660: The EU limit value for this product (product category: IIB(e)) in ready to use form is maximum 840 g/l of VOC. The VOC content of this product in ready to use form is maximum 660 g/l.

# TECHNICAL DATA SHEET

## HL5500



## HEADLIGHT REPAIR KIT

### Product preparation - application CC5502A 2K Headlight Clear

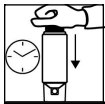


It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.

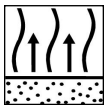


Ready to use paint materials containing isocyanates can cause irritation of the mucous membranes - and of the respiratory organs, in particular - and cause hypersensitive reactions. There is a risk of hypersensitization if the vapour or spray mist is inhaled. When using coating materials containing isocyanates, all precautions relating to solvent-based coating materials must be carefully observed. Spray mist and vapours in particular must not be inhaled. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates. The relevant Material Safety Data Sheet and Warnings displayed on the aerosol can label need to be observed.

Shake before use. (for at least 2 minutes)  
Remove the red button from the cap and place it on the activation valve at the bottom of the can.  
Press the activation valve inwards.  
Shake the aerosol can once again for at least two minutes after activation.  
Make a spray test after shaking.



at 20°C: 14 hr  
Pot life depends on ambient temperature. Higher temperatures lead to reduced pot life, lower temperatures lead to longer pot life.



1 mist coat	without intermediate flash-off
1 closed coat.	final flash-off: 10 min

15 - 20 cm distance from the object during application.



<b>60 - 65 °C</b>	25 min - 30 min
<b>20 °C</b>	12 hr - 16 hr



The object can be polished after drying overnight or forced drying with any standard polishing compound.

VOC compliant

2004/42/IIB(e)(840) 820: The EU limit value for this product (product category: IIB(e)) in ready to use form is maximum 840 g/l of VOC. The VOC content of this product in ready to use form is maximum 820 g/l.

# TECHNICAL DATA SHEET

## HL5500



## HEADLIGHT REPAIR KIT

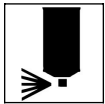
### Products

HL5500 Headlight Repair Kit

DR5500A Headlight Degreaser

PS5501A 1K Headlight Primer

CC5502A 2K Headlight Clear



After use, hold aerosol can upside down and spray briefly to clean nozzle.

Waste Treatment    Dispose of the empty aerosol cans as recycling material.

### Remarks

- These products are classified according to regulation (EC) 1272/2008 (CLP).
- Material has to be at room temperature (18-25°C) before use.
- IR drying is not allowed for headlight repairs.
- For repairing superficial weathering defects and scratches or stone impact.  
Please note: polycarbonate lenses with deformation, cracks, holes and breaks may not be repaired.  
The headlight has to be completely replaced.

#### SPECIAL WARNING!

Please read the disclaimer below carefully:

It is up to the user to check the information with regard to up-to-dateness and the headlight repair kit with regard to its suitability and lawfulness for the purpose as intended by the user.

Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

All other products referred to in the refinish build up are from our Cromax product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our Cromax product range, unless explicitly indicated otherwise.

For professional use only! The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check the information with regard to up-to-dateness and suitability for his intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved. The relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed. We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.