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SprayMax®
2K Headlight Clearcoat
250 ml
Prod.-no.: 684 066

TECHNOLOGY

SprayMax®



- Wide jet spray (spray pattern analogue to a spray gun)
- High paint coverage
- Constant jet pressure maintained until the can is completely empty
- Professional painting results

PRODUCT

Highly transparent, UV- and weather resistant two-component clearcoat (250 ml) for the mending of automotive headlights made from polycarbonate.

FIEL OF APPLICATION

Recommended for: Repair of automotive headlight diffusion panels

Suitable surfaces: Polycarbonate

HOW TO USE

Protective measures:



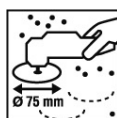
Personal protection gear must be worn: Respiratory mask type A2/P2. Protective gloves, e.g. in latex or nitrile.

Pre-treatment of the surface:

Pretreat the diffusion panel in the denoted order:



- 1.) Mask the back part of the headlight.
- 2.) Clean the diffusion panel with an silicone remover.



- 3.) Dry sanding
- Sand the total diffusion panel using a sanding machine with a diameter of 75 mm. For checking

purposes wipe the surface after each sanding process with a dust-laying cloth.

- Remove the original UV-clearcoat totally from the damaged area using P180 sanding paper.
- Sand over any marks and scratches.
- Sand the entire surface of the headlight first with P240, then with P320.
- Sand the entire surface with a soft sand pad with P400, P600, P800, P1200, P3000 and finally with P4000-grit sand paper. By doing this any surface irregularities caused by grinding grooves can be excluded.
- Check the results between each sanding stage



4.) Buffing

To achieve an optimum surface quality finally buffer with a fine polishing paste.



5.) Cleaning

Clean with an aqueous silicone remover.



CAUTION! At this point only use a mild, water-based silicone remover, because otherwise the substrate may be affected too much.

6.) Control

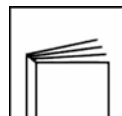
Check whether the surface of the diffusion panel is transparent and free from grinding grooves.



7.) Anti-static spray

Treat the substrate with an anti-static spray immediately before you start applying the headlight primer.

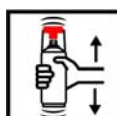
Headlight primer:



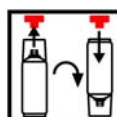
Apply the SprayMax® 1K Headlight Primer (Prod.-no. 684 098).

Please attend the corresponding Technical Data Sheet.

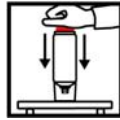
Activate the 2K aerosol



Before activating, shake aerosol for 2 min vigorously.



Take red button from cap. Turn aerosol by 180° and attach button to pin on aerosol bottom.



Place aerosol on firm ground – upside down.
Press red button with the ball of your hand
until stop is reached.

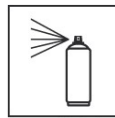


After activating, shake aerosol again vigorously
for 2 min after the agitation balls are heard.

Note on safety:

This product contains isocyanates. Individuals with lung or breathing problems or prior reactions to isocyanates must not be exposed to vapor or spray mist. Before using read all safety information on the aerosol label and the material safety data sheet.

Preliminary:



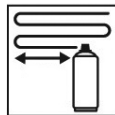
After shaking the aerosol spray to test

Spray passes



At first apply 2 mist coats. After that apply one thin coat to produce a closed film. Meet an intermediate flash-off time of 2 min between two spray-passes.

Spray distance:



15 – 20 cm

Drying:



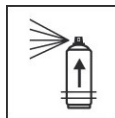
20 °C: Overnight
Forced: Meet a 10 min final flash-off time. Then dry 25 – 30 min @ 60 °C object temperature.

Continue:



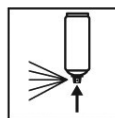
After drying overnight @ 20 °C or 40 min @ 60 °C the clearcoat can be polished with commercial polishes.

Pot life:



Approx. 14 h @ 20 °C.
The pot life depends on the ambient temperature. Higher temperatures give a shorter and lower temperatures give a longer pot life.

Finish:



When work is finished, reverse aerosol and spray valve empty

Disposal:

The emptied aerosols are suitable for household collection.

CHARACTERISTICS

Raw material base:	2-component acrylic resins. Activator: Aliphatic polyisocyanates
VOC values	< 820 g/l related to the total aerosol formulation incl. propellant.
Solid contents:	36% related to the active agent excluding propellant.
Degree of gloss:	80 – 90 units @ 20° angle
Storage stability:	24 months / 20 °C



The information about the usability of the product refers to unused cans that are stored correctly between 15-25°C at a relative humidity that does not exceed 60%. The can must be stored and transported in an upright position in a dry place that is protected against chemical and mechanical influences. The safety information on the can and all statutory provisions relevant for the storage location must be observed.

Remarks For professional use only.

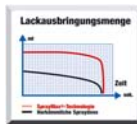
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SprayMax®
1K Headlight Primer
250 ml
Prod.-no.: 684 098

TECHNOLOGY

SprayMax®



- Wide jet spray (spray pattern analogue to a spray gun)
- High paint coverage
- Constant jet pressure maintained until the can is completely empty
- Professional painting results

PRODUCT

Water-based, colourless one-component primer (250 ml), specially developed for the repair of automotive headlight diffusion panels made from polycarbonate.

- Generates the ideal substrate for the subsequent protective layer formed by the 2K Headlight Clearcoat.
- Excellent adhesion properties
- High elasticity and fast drying
- Does not affect the translucency of the headlight.

FIEL OF APPLICATION

Recommended for:

Repair of automotive headlights

Suitable surfaces:

Polycarbonate

HOW TO USE

Protective measures:



Personal protection gear must be worn: Respiratory mask type: A2/P2



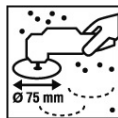
Protective gloves,
e.g. in latex or nitrile

Pre-treatment of the
surface:

Pretreat the diffusion panel in the denoted order:



- 1.) Mask the back part of the headlight.
- 2.) Clean the diffusion panel with an silicone remover.



- 3.) Dry sanding
 - Sand the total diffusion panel using a sanding machine with a diameter of 75 mm. For checking purposes wipe the surface after each sanding process with a dust-laying cloth.
 - Remove the original UV-clearcoat totally from the damaged area using P180 sanding paper.
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 - Check the results between each sanding stage



- 4.) Buffing
To achieve an optimum surface quality finally buffer with a fine polishing paste.



- 5.) Cleaning
Clean with an aqueous silicone remover.
CAUTION! At this point only use a mild, water-based silicone remover, because otherwise the substrate may be affected too much.



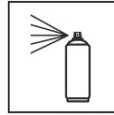
- 6.) Control
Check whether the surface of the diffusion panel is transparent and free from grinding grooves.



7.) Anti-static spray

Treat the substrate with an anti-static spray immediately before you start applying the headlight primer.

Preparation:



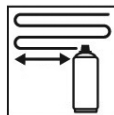
Shake the can well for 2 minutes. Test spray.

Spray passes



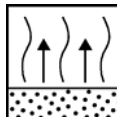
Apply 1.5 coats of the headlight primer (= approx. 10 µm).

Spray distance:



10 – 15 cm

Drying:



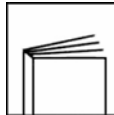
Allow to dry for approx. 30 min at 20 °C

Hint:



The headlight primer yields an opaque film. Full transparency is achieved by the following protective coating.

Continue:



After drying overcoat with SprayMax® 2K Headlight Clearcoat (prod.-no. 684 066).

Please attend the corresponding Technical Data Sheet.

CHARACTERISTICS

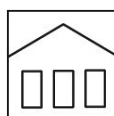
Raw material base: Water-dilutable binder dispersions

VOC values < 820 g/l related to the total aerosol formulation incl. propellant.

Solid contents: 12% related to the active agent excluding propellant

Degree of gloss: Colourless, opaque

Storage stability: 12 months / 20 °C



The information about the usability of the product



refers to unused cans that are stored correctly between 15-25°C at a relative humidity that does not exceed 60%. The can must be stored and transported in an upright position in a dry place that is protected against chemical and mechanical influences. The safety information on the can and all statutory provisions relevant for the storage location must be observed.

Remarks

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