

Technical Data Sheet



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SprayMax® **2K 2 IN 1 HEADLIGHT CLEAR** **Part no. 684068**



Product

Description / Purpose

Special 2K clear coat for renewal or repair of the protective coating of polycarbonate lenses. Highly transparent, light-fast and weatherresistant clear coat. Increases resistance to environmental influences (UV light, salt water, car wash, etc.) and protects against new damages.

Properties

- Special product for the preparation of headlights coated with clear lacquer
- Increases protection against new damage
- Protects against yellowing

Material base

Two-component acrylic resins
Activator: aliphatic isocyanates

Colour

Transparent

Gloss level

gloss
92 + / -4 gloss units at 20° measuring angle

VOC Value (EU)

627 g/l

Substrate

Surface preparation.

Step by step pre-treatment of the headlights:

- 1.) Check whether headlight removal is possible
 - 1.1 if yes, mask the back of the headlight
 - 1.2 if no, mask complete area around the headlight

2.) Clean the surface of the headlight with
SprayMax Silicone Remover

3.) Sanding

Completely sand the headlight

3.1 Clearcoat Preparation

3.1.1 Step mechanically wet or dry sanding
with P 1000

3.1.2 Step mechanically wet or dry sanding
with P 2000

Clean surface between the sanding steps with
SprayMax Aqua-Silicon Remover 680094.

3.2. Clearcoat Repair

3.2.1 Step mechanically dry sanding P 180

3.2.2 Step mechanically dry sanding P 320
(with soft pad)

3.2.3 Step mechanically dry sanding P 500
(with soft pad)

3.2.4 Step mechanically dry sanding P 800
(with soft pad)

3.2.5 Step mechanically wet or dry sanding
with P 1000

3.2.6 Step mechanically wet or dry sanding
with P 2000

Clean surface between the sanding steps with
SprayMax Aqua-Silicon Remover 680094.

4.) Clean surface with SprayMax Aqua-Silicone
Remover 680094

5.) Control

Check surface for potential sanding marks.

Make sure it is equally sanded and transparent

6.) Clean surface with a wipe immediately before
painting

Processing

Protection measures

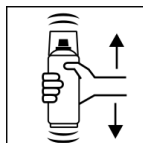


Wear personal protection equipment.

(respiratory mask/gloves/goggles)

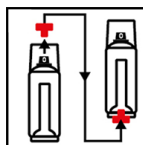
For more information, see safety data sheet.

Shake



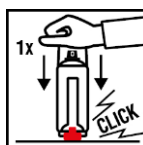
Before activating, shake can thoroughly for 2 minutes from when the mixing balls are heard.

Place red button



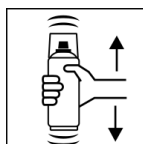
Remove the button from the cap and place it on the pin in the base of the can. Place the can with the button facing down, vertically on a firm, horizontal surface.

Press red button



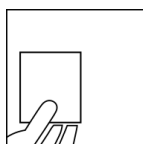
Press the can down with the heel of your hand, applying even pressure. Listen for cracking sound. Only press once.

Shake



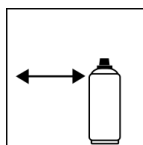
After activating the hardener, shake the spray can again for 2 minutes, again from when the mixing balls are heard.

Spray to test



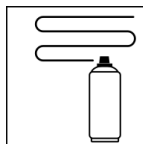
After shaking the can, test spray and check compatibility with the surface and the colour.

Spraying distance



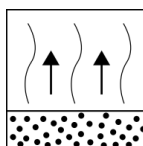
15 cm - 20 cm

Spray passes



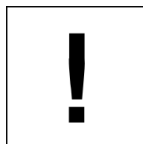
Dry film thickness 40 µm (approx. 2 spray coats)
Apply a thin, film building spray coat, flash off and apply again another film building spray coat to achieve a smooth surface.

Flash-off time



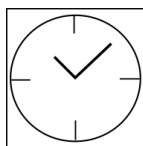
Flash time:
approx. 10 min between each spray coat

Processing conditions



Optimum application at 18° C - 25° C and a relative humidity from 40 - 60 %.

Drying



TG1 dust dry: 15 - 20 min

TG3 dry to touch: 3 h

TG5 Ready for polishing: over night

The stated values refer to the above mentioned processing conditions. The level of dryness is determined pursuant to DIN 53150.

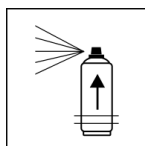


IR- drying possible,
Observe equipment description
10 min end flash off; after
25 - 30 min at 60° C object temperatur

Continue

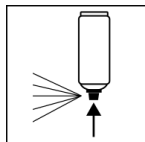
Can be polished over night at room temperature
or 30 min at 60° C.

Pot life



Approx. 8 h at 20 °C room temperature and a relative
humidity of approx. 40 - 50 %. The processing time
depends on the ambient temperature.
Higher temperatures reduce the pot life, lower
temperatures will prolong it.

Finish



After painting, turn the can upside down and spray
for 3 - 5 seconds to clean the valve.

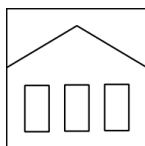
Additional Information

Important Information



Avoid bumps, friction and impact.

Shelf Life



36 months (not activated)
The usage period refers to an unused can that is
stored correctly at a temperature of 15 - 25° C and a
relative humidity below 60%. The can must be stored
and transported in an upright position in a dry place
where it is protected against chemical and
mechanical influences. The safety information on the
can and all statutory provisions applicable for the
storage site must be observed.

Disposal



The completely emptied spray cans must be dis-
posed of in the recycling system. Cans with hardened
material must be disposed of as special waste.

**Note**

For professional use only.

For labelling see safety data sheet.

The contents in this technical data sheet were created with great care and reflect our current state of knowledge. They provide the user with application-specific information and do not promise certain properties. The information is non-binding and we accept no liability for its integrity, accuracy and completeness. They do not relieve the user of their duty to check the suitability of our product for the intended purpose. The warnings printed on our labels must be respected. Our brands and patents are protected by copyright. All rights reserved We reserve the right to update, amend or supplement the content of the information without prior notice.