

Technical Data Sheet



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SprayMax®
UV Clear
333 g NET WT. 11.7 oz
Part. No. 3680059



Product

Description / Purpose

UV Clear for fast and long-term sealing of repairs and new paintwork. Requires UV-A equipment for curing.

Best Option: UV-A Mercury Lamp

UV-LED Recommendation: UV-A LED lamp with 395nm wave length.

UV LED alternative: UV-A LED with 365nm wave length will cure the clear depending on intensity and time of exposure.

UV Primer / Surfaser Part no 3680024

UV Clear Part no 3680059

UV Spot Blender Part no 3680091

Properties

- Easy to process
- Fast drying
- No colour deviation
- God weather resistance
- Very good levelling properties
- Very good polishing properties

Material base

Acrylic resins

Gloss level

transparent glossy

Solid content

approx. 31 % by weight relating to the diluted paint

EPA/CARB Coating Category

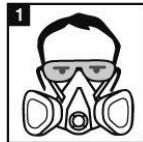
CCP Clear Coatings
PWR Limit 0.85

Substrate

Solvent and waterborne base coat systems, old paint coats dried according to manufacturer's instructions (cleaned and sanded).

Processing

Protection measures



Wear personal protection equipment.
(respiratory mask/gloves/goggles)
For more information, see safety data sheet.

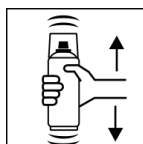
Drying with UV-A radiation

Extreme care must be exercised when using UV radiation sources. Risks can only be avoided if an approved UV-A drying device is used correctly and as intended. Please strictly comply with the operating instructions and safety information of the manufacturer of the UV-A drying device.

The following precautions always need to be observed to protect skin and eyes from glare and UV radiation.

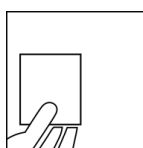
- Wear a UV-protective mask
- Wear UV-light absorbing/reflecting gloves and workwear

Shake



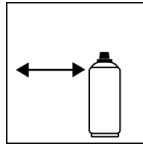
Shake can thoroughly for at least 2 minutes from when the mixing balls are heard.

Spray to test



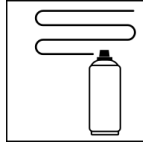
After shaking the can, test spray and check compatibility with the surface and the colour.

Spraying distance



2 - 4 inches / 5 - 10 cm

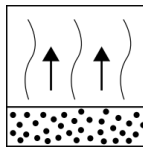
Spray passes



Dry film thickness 1.6 -2.0 mil (40 µm - 50 µm)
(approx. 1 - 2 spray coats)

After the last spray coat of the UV clearcoat, apply several light spray coats of the UV Blender 3680091 onto the spray mist edge zone until an homogenous transition is created.

Flash-off time



If necessary Flash time:

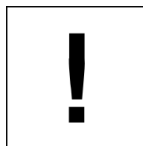
minimum 2 - 3 min between each spray coat

End flash time before UV curing:

approx. 2 - 3 min after applying UV Blender.

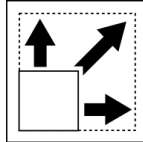
Important: The use of an IR lamp in-between coats will accelerate flash time especially in high humidity conditions.

Processing conditions



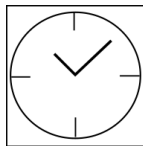
Optimum application at 64° F - 77° F (18° C - 25° C) and a relative humidity from 40 - 60 %.

Coverage



approx. 16.1 sq ft (1,5 m²) at 2.0 mil (50 µm) dry film thickness

Drying



Dry with a UV-A lamp (distance 6 - 8 inches / 15 - 20 cm):

3 - 4 minutes after the final spray coat and application of the blender.

Dry with a UV-A LED: (395 nm, 120 W)

3 - 4 minutes after the final spray coat and application of the blender thinner.

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

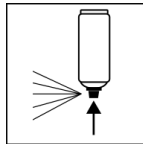
Note:

Different processing conditions, lamp equipment, lamp age and drying distance to the substrate lead to different drying times. We are able to provide you with information about the internal, qualified lamp tests regarding usability and drying times.

Continue

Can be processed with conventional sanding and polishing agents after cooling (1 - 2 minutes). Sand paint residues an polish transition zone.

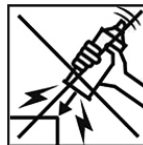
Finish



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

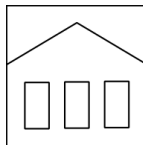
Additional Information

Important Information



Avoid bumps, friction and impact.

Shelf Life



18 months

The usage period refers to an unused can that is stored correctly at a temperature of 60° F - 77° F / 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 disposed of in the recycling system. Cans with hardened material must be disposed of as special waste.

Note

For professional use only.
Identification, 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.