

# Technical Data Sheet



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**SprayMax®**  
**UV Primer**  
**375 g NET WT. 13.2 oz**  
**Art. Nr. 3680019**



## Product

### Description / Purpose

Highly efficient and high yield UV Primer.

Requires UV-A equipment for curing

Best Option: UV-A Mercury Lamp

UV-LED Recommendation: UV-A LED lamp with 365nm wave length.

UV LED alternative: UV-A LED with 395nm wave length will cure the primer depending on intensity and time of exposure.

SprayMax UV Paint Repair System is comprised of four products that complement each other to complete a repair

UV Primer Part no 3680019

UV Clear Part no 3680059

UV Spot Blender Part no 3680091

UV Primer Cleaner Part no 3680290

### Properties

- High filling capacity
- Ideal for repaired paintwork
- Suitable as an insulation filler
- High productivity

<b>Material base</b>	Special resins and acrylic monomers, pigments and mineral filling materials
<b>Colour</b>	Grey beige
<b>Solid content</b>	approx. 64 % by weight relating to the diluted paint
<b>EPA Coating Category</b>	ABP Auto Body Primer PWR Limit 1.55
<b>CARB Aerosol Rule Coating Category (01/2017)</b>	ABP Auto Body Primer PWR Limit 0.95

## Substrate

Iron (cleaned and sanded)  
 Steel (cleaned and sanded)  
 Galvanised steel (hot-galvanised, strip galvanised and electro-galvanised cleaned and sanded)  
 Aluminium (cleaned and sanded)  
 GRP, ABS, PVC and PP (cleaned and sanded).  
 Pre-treat these first with SprayMax® plastic adhesion promotor 3680 009.  
 Polyester surfaces (cleaned and sanded)  
 Old paint and factory paint (cleaned and sanded)  
 Wood, MDF, hard fibre boards (cleaned and sanded) and pretreated with appropriate products

The damaged area must be dry and free of grease and dust and all rust needs to be removed.  
 Clean with SprayMax 1K Solvent Wash 3680090 and dry sand the surface with P 180 - P 220.

## Processing

### Protection measures



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

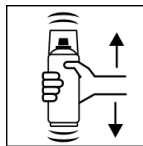
### Drying with UV-A radiation

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.

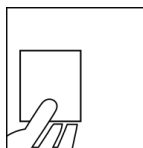
- Wear a UV-protective mask
- Wear UV-light absorbing/reflecting gloves and Workwear

**Shake**



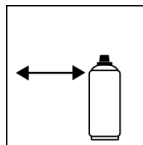
Shake can thoroughly for at least 2 minutes from when the mixing balls are heard.

**Spray to test**



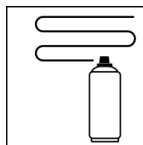
After shaking the can, test spray and check compatibility with the surface and the colour.

**Spraying distance**



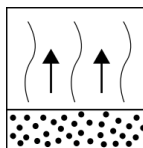
2 - 4 inches / 5 - 10 cm

**Spray passes**



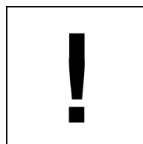
Dry film thickness 1.6 -2.0 mil (40 µm - 50 µm)  
(approx. 1 - 2 spray coats)

**Flash-off time**



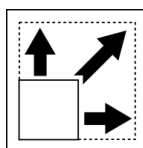
End flash time before UV curing: approx. 1 min  
Important: The use of an IR lamp in-between coats will accelerate flash time especially in high humidity conditions.

**Processing conditions**



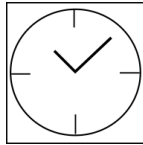
Optimum application at 64° F - 77° F (18° C - 25° C) and a relative humidity from 40 - 60 %.

**Coverage**



approx. 12.9 sq ft (1,2 m<sup>2</sup>) at 2.0 mil (50 µm) dry film thickness

## Drying



### Ready for assembly:

after 2 - 4 min dried with an UV-A lamp.

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

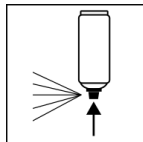
After drying, remove all of the remaining adhesive layer with SprayMax UV Cleaner 3680290, then sand. Can be painted over with all conventional 1K or 2K top coats, and solvent and water-based paints.



dry sanding with i.e. P 600 - P 800 or

Wet sanding with i.e. P 1000 - P 2000

## Finish



After painting, turn the can upside down, spray the valve until empty and put the lid on the can.

## Additional Information

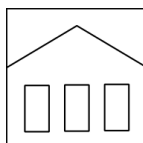
### Important Information



Do not subject the can to mechanical stress.

The anti-corrosion properties vary depending on the material and the selected substrate. In the case of higher corrosion protection requirements, check the suitability first.

## 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.