

# Technical Data Sheet



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## SprayMax® 1K Plastics Spray DTP Black 400 ml Art. Nr. 680046



### Product

#### Description / Purpose

A product designed for the fast and convenient spray painting of plastic surfaces. Available in three most popular colors. Can be applied directly on any plastic surface without the need of applying a plastic adhesion promoter. An ideal addition to the already available structure paints.

#### Properties

- Can be applied directly on plastic surfaces
- Available in the most popular gray shades
- Very good adhesion
- Fast drying
- Can be topcoated at any time

#### Material base

Special resin combination

#### Colour

Black

#### Gloss level

matt

#### VOC Value (EU)

28 gloss units at 85° measuring angle

656 g/l

### Substrate

Polypropylene (PP, PP/EPDM), Polycarbonate (PC), Polystyrene (PS), Polyvinyl Chloride (PVC), Acrylic nitrile butadiene styrene (ABS) and other Plastics.  
(cleaned and sanded)

In case of doubt, the compatibility of the paint for the respective substrate must be pretested and, if necessary, a suitable pre-treatment method (e.g. tempering/adhesion promotor) must be chosen. Check compatibility and adhesion first on an unobtrusive area. If necessary prime with a suitable Plastic Adhesion Promotor.

## Processing

### Protection measures



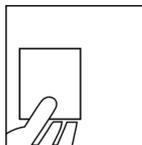
Wear personal protection equipment.  
(respiratory mask/gloves/goggles)  
For more information, see safety data sheet.

### Shake



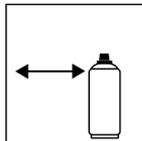
Shake can thoroughly for at least 2 minutes from when the mixing balls are heard.

### Spray to test



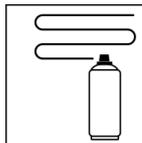
After shaking the can, test spray and check compatibility with the surface and the colour.

### Spraying distance



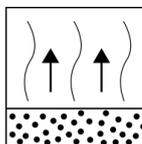
15 cm - 20 cm

### Spray passes



Dry film thickness 30 µm  
(approx. 2 - 3 spray coats)

### Flash-off time



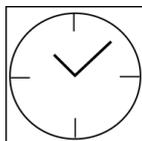
Flash time: approx. 5 - 10 min between each spray coat

### Processing conditions



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

### Drying



TG1 dust dry: 15 min  
TG3 dry to touch: approx. 40 min  
TG5 ready for assembling: 4 h

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

**Continue**

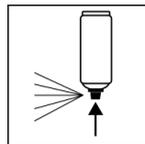


IR: approx. 35 min.

Observe equipment description

Can be topcoated with itself at any time (observe flash time). Wet-on-wet with SprayMax Structur paint to achieve requested structure. Flash time 5 - 8 min. First use Plastic spray DTP.

**Finish**



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

**Additional Information**

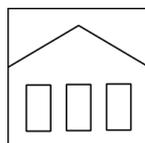
**Important Information**



Avoid bumps, friction and impact.

Not suitable for plastic parts made from PE. Do not apply to any safety-relevant plastic parts, e.g. helmets. Do not apply to surfaces coated with synthetic resin paints as this could lift and cause ripples in the paintwork underneath.

**Shelf Life**



60 months

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 disposed 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.

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