

PPG A Blue Peelable Temporary Protective Coating

TECHNICAL DATA SHEET

Product Description

PPG A Blue is a sprayable, peelable, water dispersion coating formulated for protection of acrylic both flat and formed, from damage due to scratches during fabrication and shipment. For indoor storage use SC-1058T.

- Water-based
- Non-flammable
- Non-toxic
- Excellent tensile strength and elasticity
- Easy to remove

Components



Mix ratio (by volume):

- PPG A Blue is a 1-component, ready to use product.

Surface Preparation and Pretreatments



Apply to clean, oil and dust-free surfaces.

Instructions for Use



Mixing Instructions:

PPG A Blue is ready to use with no additional components. Check to ensure that no freezing has occurred in shipping or during storage period. Upon opening container, manually stir thoroughly to overcome any settling. Avoid shaking as product can foam when agitated.



Induction Time:

Not Required

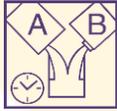


Viscosity: (23°C/73°F)

- Krebs Units

85 - 90

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Pot Life:

Not Applicable

Application Guidelines

Recommended Application Conditions:

| | |
|-------------------|-----------------------|
| Temperature | 15 - 30°C (59 - 86°F) |
| Relative Humidity | 20 - 90% |

Application:

Four mils (.004") can be applied on a vertical plane without sags in one cross coat using standard type pressure spray guns. (Example: DeVilbiss MBC gun, FF nozzle and #765 air cap). Use an atomization pressure of 75 pounds per square inch to 90 pounds per square inch and enough pressure on the pot or container to force the material to the gun. Airless spray can also be used such as Graco #205-904 with a 163-618 insert and a 28:1 ratio pump. To enable the film to knit properly, spraying should be at room temperature of 60°F or higher. Only water should be used for cleaning equipment and for thinning the material if required.

These application guidelines represent PPG's best advice for usage in standard conditions. Some parameters will be influenced by environmental conditions, equipment settings, and other variables.



Theoretical Coverage:

14 square meters/liter at 100 microns dry film (150 square feet/gallon at 4 mils dry film)
Recommended dry film thickness; 100 microns (4 mils)



Equipment:

PPG A Blue is compatible with most forms of spray equipment. See Application section for details.

Equipment Cleaning:

Flush spray equipment ONLY with water.

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Physical Properties (product)



Color: Blue



Gloss: Not Applicable

Adhesion: 0.5 to 1.5 lbs. per inch with strip on plexiglass

Elongation: 150%

Non-Volatiles: 41.5 ± 3.0 %

Tensile Strength: 1700 psi



| | |
|------------------|------------------------------|
| Dry Times | 22 - 28°C (71 - 84°F) |
| Tack Free | 1 hour minimum |
| Full Tensile | 12 hours |

Drying can be accelerated by flowing air past the film by means of fans. Heated air may be used to a maximum temperature of 46°C (115°F).



VOC (EPA method 24):

PPG A Blue < 0 g/l (0 lbs./gal)

Physical Constants:

Weight/gallon 8.5 ± 0.2 pounds/gallon

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Flash point closed cup:

PPG A Blue

Not Applicable

Shelf Life:

12 months from date of manufacture.

Note: Shelf life is provided for original, unopened containers.

Note: The application and performance property values above are typical for the material, but not intended for use in specifications or for acceptance inspection criteria because of variations in testing methods, conditions and configurations.

Storage Recommendations



Inspect the condition of the container to ensure compliance. The material should be stored at temperatures between 13°C to 32°C (55°F to 90°F) to ensure shelf life. This is a water-based compound and should be protected from freezing. Never allow this product to freeze. Once frozen, application and protective properties are unstable and not warranted.

Note: When procuring to a qualified material specification, follow those storage instructions.

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Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An SDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

For industrial use only. Keep away from children.

Additional information can be found at: www.ppgaerospace.com

For sales and ordering information call the local PPG office at the numbers listed below:

Asia Pacific

ASC – Australia

Tel 61 (3) 9335 1557
Fax 61 (3) 9335 3490

ASC – Japan

Tel 81 561 35 5200
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ASC – South East Asia

Tel 65 6861 1119
Fax 65 6861 6162

ASC – Suzhou

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Fax (86-512) 6661 6868

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ASC – Central Europe

Tel 49 (40) 742 193 10
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Fax 44 (0) 1388 770288

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