

PPG A Clear Peelable Temporary Protective Coating

TECHNICAL DATA SHEET

Product Description

PPG A Clear 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):

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

Surface Preparation and Pretreatments



Apply to clean, painted finished parts.

Instructions for Use



Mixing Instructions:

PPG A Clear 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:

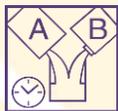
Not Required



Viscosity: (23°C/73°F)

- Krebs Units 85 - 90

PPG A Clear Peelable Temporary Protective Coating



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 16°C (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 Clear is compatible with most forms of spray equipment. See Application section for details.

Equipment Cleaning:

Flush spray equipment ONLY with water.

PPG A Clear Peelable Temporary Protective Coating

Physical Properties (product)



Color: Clear



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 Clear

< 0 grams/liter (0 pounds/gallon)

Physical Constants:

Weight/gallon

8.5 ± 0.2 pounds/gallon

PPG A Clear Peelable Temporary Protective Coating



Flash point closed cup:

PPG A Clear

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.

PPG A Clear Peelable Temporary Protective Coating

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
Fax 81 561 35 5201

ASC – South East Asia

Tel 65 6861 1119
Fax 65 6861 6162

ASC – Suzhou

Tel (86-512) 6661 5858
Fax (86-512) 6661 6868

ASC – Tianjin

Tel (86-022) 2482 8625
Fax (86-022) 2482 8600

Americas

1 (818) 362-6711 or 1-800-AEROMIX

Europe and Middle East

ASC – Central Europe

Tel 49 (40) 742 193 10
Fax 49 (40) 742 139 69

ASC – Middle East & India

Tel (971) 4 883 9666
Fax (971) 4 883 9665

ASC – North Europe

Tel 44 (0) 1388 770222
Fax 44 (0) 1388 770288

ASC – South Europe

Tel 33 (0) 235 53 43 71
Fax 33 (0) 235 53 54 44

All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

PRC-DeSoto International, Inc.
12780 San Fernando Road
Sylmar, CA 91342
www.ppgaerospace.com

Issue Date: 07/16
Lit: 4487