

Aerosol Temporary Protective Coating Touch-Up

TECHNICAL DATA SHEET

Product Description

B-5100 and B-5116 are temporary protective coatings in aerosol form for touch up application to bare aluminum where BMS 15-12 Type I Class 1 temporary protective coatings have been removed.

- Chromate free
- Water-based
- Non-flammable
- Available in green (B-5100) and yellow (B-5116)

Components



Mix ratio (by volume):

- B-5100 and B5116 are packaged in ready to use aerosol cans

Specifications



B-5100 and B-5116 are qualified to the following specifications:

- BMS 15-12 Type I Class 4

Note: PPG Aerospace recommends you check the most recent specification QPLs for updated information.

Product Compatibility:

B-5100 and B-5116 are compatible with the following specifications:

- BMS 15-12 Type I Class 1

Surface Preparation and Pretreatments



Apply to clean bare aluminum.

Instructions for Use



Mixing Instructions:

Shake can vigorously by hand.



Aerosol Temporary Protective Coating Touch-Up



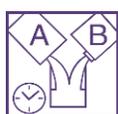
Induction Time:

Not Required



Viscosity: (23°C/73°F)

Not applicable



Pot Life:

Not Applicable

Application Guidelines

Recommended Application Conditions:

Temperature	18 - 30°C (65 - 86°F)
Relative Humidity	20 - 90%

Application:

Apply in multiple passes to a film thickness of 0.8 to 1.5 dry mils.

Removability:

B-5100 and B-5116 are removed by applying a wet film of up to 20 mils thick of the BMS 15-12 Type II remover or SC-1101S remover. It should be allowed to soak into the temporary protective for approximately 5 to 20 minutes and then flushed off with water under pressure accompanied by mild brushing.

For spot removal, such as in areas to be riveted, toluene or denatured ethyl alcohol will readily dissolve a one mil coating of B-5100 or B-5116. Apply the solvent with a cloth, allow a few seconds for penetration, and then wipe the area with a clean solvent-wet cloth.

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.

Aerosol Temporary Protective Coating Touch-Up



Theoretical Coverage:

B-5100

1.2 square meters/liter at 25 microns dry film (13 square feet/gallon at 1 mil dry film)

Recommended dry film thickness; 20 to 38 microns (0.8 to 1.5 mils)

B-5116

1.2 square meters/liter at 25 microns dry film (13 square feet/gallon at 1 mil dry film)

Recommended dry film thickness; 20 to 38 microns (0.8 to 1.5 mils)



Equipment:

B-5100 and B-5116 are packaged in ready to use aerosol cans.

Equipment Cleaning:

Not applicable

Physical Properties (product)



Color: B-5100 Green
B-5116 Yellow



Gloss: Not Applicable



Dry Times	22 - 28°C (71 - 84°F)
Tack Free	20 minutes
Full Hardness	8 hours minimum



VOC (EPA method 24):

B-5100

510 grams/liter

B-5116

511 grams/liter



Flash point closed cup:

This product is non-flammable



Aerosol Temporary Protective Coating Touch-Up

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-base 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.



Aerosol Temporary Protective Coating Touch-Up

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: 4/16
Lit: 4415