

Aerosol Temporary Protective Coating Marking Colors

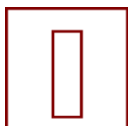
TECHNICAL DATA SHEET

Product Description

B-5107, B-5117 and B-5118 are temporary protective coatings in aerosol form for use as marking colors on dry film of BMS 15-12 Type I Class 1 temporary protective coating.

- Chromate free
- Water-based
- Non-flammable
- Available in black (B-5107), red (B-5117) and white (B-5118)

Components



Mix ratio (by volume):

- B-5107, B-5117 and B-5118 are packaged in ready to use aerosol cans

Specifications



B-5107, B-5117 and B-5118 are qualified to the following specifications:

- BMS 15-12 Type I Class 5

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

Product Compatibility:

B-5107, B-5117 and B-5118 are compatible with the following specifications:

- BMS 15-12 Type I Class 1, 4 & 6

Surface Preparation and Pretreatments



Apply to clean temporary protective coatings.

Instructions for Use



Mixing Instructions:

Shake can vigorously by hand.

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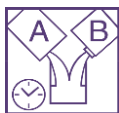
Induction Time:

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 maximum film thickness of 1.0 dry mil.

Removability:

B-5107, B-5117 and B-5118 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-5107, B-5117 and B-5118. 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.

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Theoretical Coverage:

B-5107

1.0 square meters/liter at 25 microns dry film (11.6 square feet/gallon at 1 mil dry film)
Recommended dry film thickness maximum; 25 microns (1.0 mils)

B-5117

1.1 square meters/liter at 25 microns dry film (11.8 square feet/gallon at 1 mil dry film)
Recommended dry film thickness maximum; 25 microns (1.0 mils)

B-5118

1.0 square meters/liter at 25 microns dry film (11.6 square feet/gallon at 1 mil dry film)
Recommended dry film thickness maximum; 25 microns (1.0 mils)



Equipment:

B-5107, B-5117 and B-5118 are packaged in ready to use aerosol cans.

Equipment Cleaning:

Not applicable

Physical Properties (product)



Color: B-5107 Black
B-5117 Red
B-5118 White



Gloss: Not Applicable



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

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VOC (EPA method 24):

B-5107	526 grams/liter
B-5117	525 grams/liter
B-5118	524 grams/liter



Flash point closed cup:

This product is non-flammable

Shelf Life:

6 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.

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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:

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ASC – Australia

Tel 61 (3) 9335 1557
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