

# Aerosol Temporary Protective Coating Touch-Up

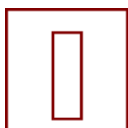
## TECHNICAL DATA SHEET

### 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.

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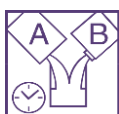
**Induction Time:**

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 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.*

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### 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



<b>Dry Times</b>	<b>22 - 28°C (71 - 84°F)</b>
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



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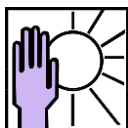
### Shelf Life:

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](http://www.ppgaerospace.com)**

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Issue Date: 1/18  
Lit: 4415