

## MANUFACTURER'S CERTIFICATE OF CONFORMANCE

Brimar Industries, Inc. (d.b.a. [www.SafetySign.com](http://www.SafetySign.com))  
64 Outwater Lane  
Garfield, NJ 07026

Brimar Industries's **Safety Label J5317 (AF, AFB, BF, BFB, CF, CFB)** is produced 100% in the United States of America using accepted practices and quality assurance procedures to comply with specifications of regulatory agencies.

**Manufacturer's Product Description:** 2 Mil White Polyester with Hi-Performance pressure sensitive Acrylic Adhesive backing overlaminated with 1 Mil Clear Polyester film coated with a clear pressure sensitive acrylic adhesive.

**Product Type:** Electrical Equipment Labels

**Manufacturer's Product Number:** J5317 (AF, AFB, BF, BFB, CF, CFB)

**Meets Specifications:**

USR - United States Recognition to Standard UL 969  
(PGDQ2.MH48293 - Marking and Labeling Systems - Component)  
CNR - Canadian Recognition to Standard CSA C22.2 No. 0.15  
(PGDQ8.MH48293 - Marking and Labeling Systems Certified for Canada - Component)  
ANSI Z535.4 Product Safety Signs and Labels  
ANSI Z535.1 Safety Colors



RoHS, EU Directives 2002/95/EC and 2003/11/EC  
RoHS2, EU Directive 2011/65/EU

We have contacted our suppliers for the raw materials used to produce the above construction(s) concerning their compliance with RoHS EU Directives 2002/95/EC and 2003/11/EC and RoHS2 EU Directive 2011/65/EU. These directives spell out maximum allowable levels of heavy metals (Cadmium, Lead, Mercury, Hexavalent Chromium), PBBs and PBDEs. None of the materials named in these directives are knowingly used or intentionally added during the manufacturing process.

**REACH SVHC Chemical Substances**

We have contacted our suppliers for the raw materials used to produce the above construction(s) concerning the content of the 169 REACH SVHC Chemical Substances on the Candidate List as of June 20, 2016. None of the substances are knowingly used or intentionally added during the manufacturing process.

**PHthalate CONTENT**

We have contacted our suppliers for the raw materials used to produce the above construction(s) concerning the Phthalate (BBP, DBP, DEHP, and DIBP). These Phthalates are not knowingly used or intentionally added during the manufacturing process.

Please be advised that we do not routinely analyze our products and it is, therefore, not possible for us to state categorically that our products are "free" from these substances. Trace amounts may be present in the environment, giving the potential for low-level contamination.

**LEED Compliance:** This product is in compliance with the Standards set forth by the South Coast Air Quality Management District (SCAQMD) Rule #1168 and the Green Seal Standard, GS-36 for Commercial Adhesives pertaining to Volatile Organic Compounds (VOC). The adhesive backing on this product contains < 4.4 grams / Liter VOC.

Respectfully yours,

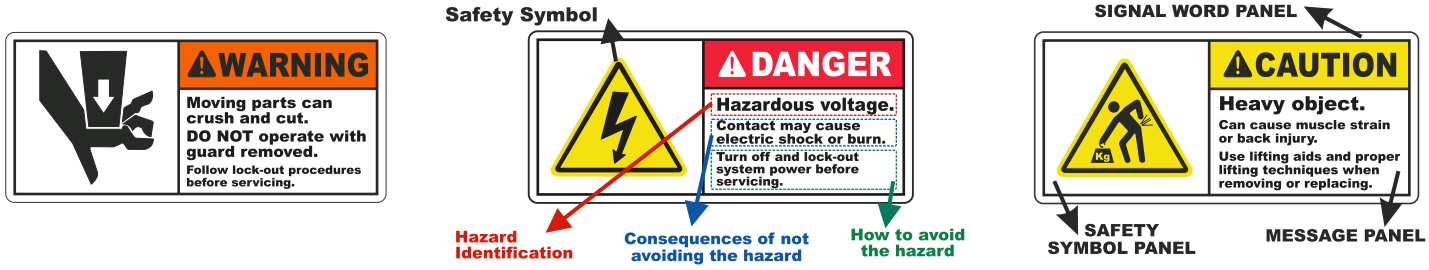


Michael Schoenfeld  
Chief Operating Officer  
Brimar Industries, Inc.  
Ph: 800-274-6271

# Product Information Bulletin

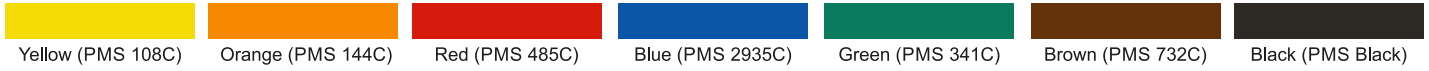
64 Outwater Lane, Garfield, NJ 07026 Ph: 973-340-7889 | Fax: 973-340-7809

## ANSI Z535.4 Product Safety Labels



STOCK LABEL SIZES (Vertical or Horizontal Layout)										
3 x 1-3/8" 76 x 35 mm	4-1/4 x 1-7/8" 108 x 48 mm	5-1/2 x 2-1/2" 140 x 64 mm	4-3/4 x 1-3/8" 121 x 35 mm	6-3/8 x 1-7/8" 162 x 48 mm	2-1/2 x 1-3/4" 64 x 44.5 mm	5 x 3-1/2" 127 x 89 mm	2 x 2" 51 x 51 mm	3 x 3" 76 x 76 mm	4 x 4" 102 x 102 mm	6 x 6" 152 x 152 mm
Custom Sizes Available										
Material: Label: Adhesive Backed Polyester w/ Clear Overlam (Pkg of 5 or 50)										

### Standard Colors:



ANSI Z535.4 specifies performance requirements for the design, application, use and placement of safety labels and signs that are intended to identify hazards that a person may encounter while operating or servicing a variety of products.

### Description:

Adhesive Backed Polyester Labels have been designed to comply with ANSI Z535.4 2002 & 2007 Product Safety Label Standards. Decals are screen printed with UV resistant inks and overlaminated with Clear Polyester to ensure a high degree of chemical, abrasion and heat resistance.

### Material:

2 Mil White Polyester with Hi-Performance pressure sensitive Acrylic Adhesive backing. A UL® approved material. (UL® 969 File No. PGGU2.MH10170 Marking and Labeling System Materials / CSA File No. 99241 L000) 1 Mil Clear Polyester film coated with a clear pressure sensitive acrylic adhesive. A UL® approved material. (UL® 969 File No. PGGU2.MH10170 Marking and Labeling System Materials / CSA File No. 99241 L000)

### Printed Image:

Printed image is sealed between 2 layers of polyester. Polyester offers superior chemical, abrasion and temperature resistance to vinyl decals, image is screen printed using UV inks.

### Adhesive:

Aggressive solvent based acrylic adhesive with excellent adhesion properties on a broad base of application substrates such as Stainless Steel, Acrylic, Glass, Coated Metals and Plastics. Backed with a layflat 90 lb. moisture stable polycoated release liner ideal for sheet-form converting.

### Chemical Resistance:

Good for most chemicals

### Water Resistance:

Excellent

### Expected Exterior Life:

5-8 years mid-continental United States

### Service Temperature:

-40°F to 302°F (-40°C to 150°C)

### Minimum Applic. Temperature:

50°F (10°C)

### Packaging:

All Brimar's machinery safety decals are available in convenient packages of 5 or bulk packages of 50 decals.

### Custom:

Brimar has the capability to fabricate product safety decals in practically any size and color combination with an experienced in-house graphics department.

### Specification Compliance:

Machinery Safety Decal comply with ANSIZ535.4 as well as ISO 3864 Standards.

DATE: \_\_\_ / \_\_\_ / \_\_\_ JOB: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

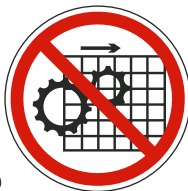
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# Safety Labels Compliance

### Examples of Safety Labels



### Product Description:

Adhesive Backed Polyester Labels have been designed to comply with ANSI Z535.4 Product Safety Label and ISO 3864-2 Standards. Labels are screen printed with UV resistant inks and over-laminated with Clear Polyester to ensure a high degree of chemical, abrasion and heat resistance.

### Material:

2 Mil White Polyester with Hi-Performance pressure sensitive Acrylic Adhesive backing. A UL® approved material. (UL® 969 File No. PGGU2.MH10170 Marking and Labeling System Materials / CSA File No. 99241 L000) 1 Mil Clear Polyester film coated with a clear pressure sensitive acrylic adhesive. A UL® approved material. (UL® 969 File No. PGGU2.MH10170 Marking and Labeling System Materials / CSA File No. 99241 L000)

### Adhesive:

Aggressive solvent based acrylic adhesive with excellent adhesion properties on a broad base of application substrates such as Stainless Steel, Acrylic, Glass, Coated Metals and Plastics. Backed with a layflat 90 lb. moisture stable polycoated release liner ideal for sheet-form converting.

### LEED Compliance:

This product is in compliance with the Standards set forth by the South Coast Air Quality Management District (SCAQMD) Rule #1168 and the Green Seal Standard, GS-36 for Commercial Adhesives pertaining to Volatile Organic Compounds (VOC). The adhesive backing on this product contains < 4.4 grams / Liter VOC.

### Chemical Resistance:

Good for most chemicals

### Water Resistance:

Excellent

### Expected Exterior Life:

5-8 years mid-continental United States

### Service Temperature:

-40°F to 302°F (-40°C to 150°C)

### Minimum Application Temperature:

50°F (10°C)

### RoHS, EU Directives 2002/95/EC and 2003/11/EC, RoHS2, EU Directive 2011/65/EU

We have contacted our suppliers for the raw materials used to produce the above construction(s) concerning their compliance with RoHS EU Directives 2002/95/EC and 2003/11/EC and RoHS2 EU Directive 2011/65/EU. These directives spell out maximum allowable levels of heavy metals (Cadmium, Lead, Mercury, Hexavalent Chromium), PBBs and PBDEs. None of the materials named in these directives are knowingly used or intentionally added during the manufacturing process.

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### ANSI Z535.4 Product Safety Labels

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils [microns]).....	Film..... 2.0 (51) +/- 10%	ASTM D3652
	Adhesive..... 0.9-1.0 (23-25) +/- 0.1 (3)	
	Liner..... 6.9 (175) +/- 10%	
Dimensional Stability (%).....	No Shrinkage Observed.....	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
<b>Adhesion Properties</b>		
Ultimate Peel from.....	Average.....	ASTM D903 (Modified for 72 hour dwell time)
	Oz/In..... (N/m)	
ABS.....	60..... (660)	
Acrylic.....	68..... (748)	
Acrylic Powder Paint.....	47..... (517)	
Aluminum.....	54..... (594)	
Epoxy Powder Paint.....	62..... (682)	
Glass.....	56..... (616)	
HDPE.....	32..... (352)	
Painted Metal.....	49..... (539)	
Polycarbonate.....	58..... (648)	
Polyester.....	87..... (957)	
Polyester Powder Paint.....	15..... (165)	
Polypropylene.....	12..... (132)	
Polyurethane Powder Paint.....	54..... (594)	
Stainless Steel.....	55..... (605)	
Styrene.....	54..... (594)	
<b>Expected Shear</b> .....		ASTM D3654 Method A a. 1hr. dwell b. 1sq.in. surface c. 4lb. load
Room Temp (hours).....	25	
<b>Tack (gm/sqcm)</b> .....	360.....	ASTM D2979
<b>Expected Exterior Life</b> .....	Two years	
<b>Service Temperature Range</b> .....	-40°F to 302°F (-40°C to 150°C)	
<b>Minimum Application Temperature</b> .....	50°F (10°C)	
<b>Storage Stability</b> .....	Two years when stored at 0°F (21°C) and 50% relative humidity	

**DATE:**    /    /                      **JOB:** \_\_\_\_\_

**CONTRACTOR:** \_\_\_\_\_