

## BRADY B-337 BRADYGLO™ PLASTIC SIGN

TDS No. B-337

Effective Date: 05/15/2024

### Description:

Brady B-337 BradyGlo™ material is a glow-in-the-dark (photoluminescent) plastic sign.

### Details:



### Use:

Brady B-337 BradyGlo™ material is used for exit and directional signs, identification of fire alarms and extinguishers, and directional systems for escape or evacuation routes.

### Relevant Standards:

Meets or exceeds the following standards: ASTM E-2072-00/ ASTM E-2073-00, ASTM E-162, ASTM E-648, ASTM E-662, IMO Resolution A.752(18), ISO/CD 15370, Marine Safety Committee MSC.27(61), DIN 67 510 (Parts 1 – 4), and PSPA 002 Part 2 1993 Class A Rev 2:09/99.

Meets OSHA 1901.37

### Inherent Properties:

Brady B-337 is a non-toxic, non-radioactive, explosion safe (does not generate energy to induce explosions) material allowing for sanitary disposal.

### Illuminescent Characteristics:

Charge time of 5 minutes @ 1000 Lux. Consistent glow life and unlimited rechargability throughout service life.

### Substrate Type:

Phosphorescent polyester film on polystyrene

### Standard Legend Colors:

Black, green, red, and blue

### Thickness (PSTC-133):

Total: 0.068 in. (1.73 mm)

### Abrasion Resistance (ASTM D4060-14):

CS-10 wheels, 250g wts.

Legend withstands up to 500 cycles

CS-17 wheels, 1000g wts.

Substrate withstands up to 4000 cycles

### Gloss (ASTM D-523)

60° - 116 gloss units

**Service Temperature**

-40°F to 158°F (-40°C to 70°C)

**Outdoor Applications**

Not recommended for outdoor application.

**Chemical Resistance:**

REAGENT	RUB TEST
30% Sulfuric Acid	No Visible Effect
30% Hydrochloric Acid	No Visible Effect
50% Sodium Hydroxide	No Visible Effect
10% Ammonia	No Visible Effect
5% Sodium Hypochlorite	No Visible Effect
Methyl Ethyl Ketone	Complete Failure
Acetone	Complete Failure
Isopropanol (IPA)	No Visible Effect
Mineral Spirits	No Visible Effect
Gasoline	No Visible Effect
SAE 20 Oil	No Visible Effect
5% Alconox®	No Visible Effect

**Shelf Life**

Unlimited when stored at 70°F (21°C) and 40% to 50% R.H.

**Trademarks:**

Alconox® is a registered trademark of Alconox Co.  
 ASTM: American Society for Testing and Materials (U.S.A.)  
 SAE: Society of Automotive Engineers (U.S.A.)  
 PSTC: Pressure Sensitive Tape Council (U.S.A.)  
 BradyGlo™ is a trademark of Brady Worldwide, Inc.  
 IMO: International Maritime Association  
 DIN: Deutsches Institut für Normung  
 PSPA: Photoluminescent Safety Products Association

**Note:** All values shown are averages and should not be used for specification purposes.

Test data and test results contained in this document are for general information only and shall not be relied upon by Brady customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact Brady for further information.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representation or warranties, express or implied, and assumes no liability in connection with the use of this information.

**WARRANTY**

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligations under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

Copyright 2024 Brady Worldwide, Inc. | All Rights Reserved  
 Material may not be reproduced or distributed in any form without written permission