

## BRADY B-789 BRADYGLO (TM) PLUS FLOOR GRAPHICS

TDS No. B-789  
Effective Date: 07/01/2011

### **Description:**

Brady B-789 BradyGlo (TM) Plus Floor Graphics is a surface printed photoluminescent pressure sensitive polyester with a velvet embossed rigid clear vinyl overlamine.

### **Details:**

#### **Use:**

Brady B-789 is used to mark aisles, point out safety equipment, fire extinguishers and exits, and enforce protective equipment requirements.

#### **Special Properties:**

Overlaminating film exceeds industry safety standards for non-slip surfaces (ASTM D 2047). Meets IMO and DIN 67 510.

#### **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)  
PSPA Standard 002 Part 2.

#### **Inherent Properties:**

Brady B-789 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 will charge the sign for +10 hours of glow time. Consistent glow life and unlimited rechargability throughout service life.

#### **Adhesive Type:**

Pressure sensitive acrylic

#### **Substrate Type:**

Surface printed photoluminescent polyester overlaminated with a velvet embossed rigid clear vinyl overlamine.

#### **Standard Legend Colors:**

Black, red, green, blue

#### **Thickness (PSTC-33):**

Total: 0.025 in. (0.64mm)

#### **Adhesive Properties:**

Adhesion to Stainless Steel (PSTC-1)  
15 Minute Dwell (Avg.) -- 153 oz/in. (168 N/100mm)  
Ultimate Dwell (72 Hrs.) (Avg.) -- 155 oz/in. (170 N/100mm)  
Tack (ASTM D 2979) (Avg.) -- 1800 g (18 N)  
Drop Shear (PSTC-7) (Avg.) -- 100 hrs.

#### **Abrasion Resistance (Method 5306 of U.S. Federal Test Method Std. No. 191A):**

H-22 wheels, 1000 g wts.  
Overlamine withstands up to 7000 cycles

#### **Gloss (60°):**

17 Gardner Units

**Minimum Application Temperature:**

50°F (10°C)

**Service Temperature:**

-40°F to 158°F (-40°C to 70°C)

**Expected Service Life of Adhesive and Printed Legend:**

Average of 5 years

**Outdoor Applications:**

Not recommended for outdoor application.

**Chemical Resistance:**

REAGENT	7 DAY IMMERSION	DIP TEST
30% Sulfuric Acid	NE	NE
10% Sulfuric Acid	NE	NE
30% Hydrochloric Acid	F	NE
10% Hydrochloric Acid	NE	NE
Glacial Acetic Acid	F	F
5% Acetic Acid	F	NE
50% Sodium Hydroxide	F	NE
10% Sodium Hydroxide	F	NE
10% Ammonia	NE	NE
5% Sodium Hypochlorite	NE	NE
10% Sodium Chloride	NE	NE
MEK	F	F
Acetone	F	F
Toluene	F	F
Methanol	F	NE
Isopropyl Alcohol	F	NE
Heptane	F	NE
Mineral Spirits	F	NE
Turpentine	F	NE
Diesel Fuel	F	NE
Kerosene	F	NE
Gasoline	F	F
ASTM #3 Oil	NE	NE
SAE 20 Oil	NE	NE
Alconox®	NE	NE
Water	NE	NE

F = Fail

NE = No Effect

Product testing, customer feedback, and history of similar products, support a customer performance expectation of at least **two years from the date of receipt** for this product as long as this product is stored in its original packaging in an environment *below 80°F (27°C) and 60% RH*. We are confident that our product will perform well beyond this time frame. However, it remains the responsibility of the user to assess the risk of using such product. We encourage customers to develop functional testing protocols that will qualify a product's fitness for use in their actual applications.

**Trademarks:**

Alconox® is a registered trademark of Alconox Co.

Signmark® is a registered trademark of Brady Worldwide, Inc.

BradyGlo® is a registered trademark of Brady Worldwide, Inc.

ANSI: American National Standards Institute (U.S.A.)  
ASTM: American Society for Testing and Materials (U.S.A.)  
Fed. Spec.: United States Federal Specification (U.S.A.)  
PSTC: Pressure Sensitive Tape Council (U.S.A.)

**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 representations 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 obligation 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 of 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 2016 Brady Worldwide, Inc. | All Rights Reserved  
Material may not be reproduced or distributed in any form without written permission.

---

Brady North America | 6555 W. Good Hope Rd | Milwaukee, WI 53223 | USA | Tel: 414-358-6600 | Fax: 800-292-2289