

BRADY B-564 BradyGlo (TM) High Intensity Anti-Slip Floor Material

TDS No. B-564
Effective Date: 11/15/2010

Description:

Brady B-564 BradyGlo™ High Intensity Anti-Slip Floor Material is a glow-in-the-dark (photoluminescent) pressure sensitive adhesive coated anti-slip egress marker.

Details:

Use:

Brady B-564 BradyGlo™ High Intensity Anti-Slip Floor Material is used for signs and tape, such as: low-level exit path markings, floor mounted signs, steps, leading edge of landings, and floor perimeter demarcation lines.

Relevant Standards:

Complies with all indoor use requirements specified in RS 6-1 and 6-1A of New York Local Law 26 including photoluminescence, washability, flammability, toxic gas generation, and radioactivity.

Approved Model Numbers Accepted For Use, City of New York, Department of Buildings: MEA No. 276-05-M BR: 38-9-6

Inherent Properties:

Brady B-564 is a non-toxic, non-radioactive, explosion safe (does not generate energy to induce explosions) material allowing for safe and effective egress marking.

Illuminescent Characteristics:

Illumination: 21.6 lux (2 foot-candles) for 2 hours with a 4100K cool white fluorescent lamp.
Luminance (after illumination): 10 minutes 38 mcd/m²
60 minutes 9 mcd/m²
90 minutes 6 mcd/m²

Adhesive Type:

Pressure Sensitive Synthetic Rubber

Substrate Type:

Phosphorescent polyester film overlaminated with a velvet embossed rigid clear vinyl overlaminate.

Adhesive Properties:

Adhesion to Stainless Steel (PSTC-1)
15 Minute Dwell (Avg.) -- 168 oz/in. (184 N/100mm)
Ultimate Dwell (72 Hrs.) (Avg.) -- 190 oz/in. (208 N/100mm)

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

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

Thickness (PSTC-33):

0.0185 in. (0.47 mm)

Minimum Application Temperature:

50°F (10°C)

Service Temperature:

-40°F to 140°F (-40°C to 60°C)

Chemical Resistance:

Chemical	7 Day Immersion	Dip Test
30% Sulfuric Acid	F	NE
10% Sulfuric Acid	F	NE
30% Hydrochloric Acid	F	F
10% Hydrochloric Acid	NE	F
Glacial Acetic Acid	F	F

5% Acetic Acid	NE	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	NE	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®	F	NE
Water	NE	NE
Formula 409 Cleaner®	NE	NE

NE = No Effect

F = Failed

Dip Test: Five 10 minute dips in reagent with 30 minute recovery.

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:

ASTM: American Society for Testing and Materials (U.S.A.)

Alconox® is a registered trademark of Alconox Co.

BradyGlo™ is a trademark of Brady Worldwide, Inc.

Fed. Spec.: United States Federal Specification (U.S.A.)

Formula 409® is a registered trademark of the Chlorox Company

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.

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