Technical Data Sheet

BRADY B347 BRADYGLO™ Safety Signs

TDS No. B347
Effective Date: 2/26/2026

Description:
Brady B-347 BradyGlo™ material is a glow-in-the-dark (photoluminescent) sign with protected graphics.

Use:
Brady B347 is used for directional egress pathway markings and fire safety signage, including exit and directional signs, identification of fire alarms and extinguishers.

Relevant Standards:
Meets or exceeds the following standards: ASTM E2072-00, DIN 67510 and PSPA Class C.

Luminescent Characteristics:
Charge time of 5 minutes with Xenon Lamp at 1000 lux:
Typical values: 150 mcd/m2 after 10 min, 23 mcd/m2 after 60 min.

Substrate Type:
Phosphorescent Vinyl Film on polystyrene

Standard Legend Colors:
Black, green, red and blue

Thickness (PSTC-133):
0.066 inches (1.68 mm)

Abrasion Resistance (ASTM D 4060):
CS10 Wheels, 250g wts.
Legend withstands up to 600 cycles

Gloss (60°):
80 Gloss Units

Service Temperature:
-40°F to 122°F (-40°C to 50°C)

Outdoor Applications:
Not recommended for outdoor application.

Chemical Resistance:

	Rub Test
Reagent	**Impact to Print**
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
MEK	Complete Failure
Acetone	Complete Failure
Isopropyl Alcohol	Some Visible Effect
Mineral Spirits	No Visible Effect
Gasoline/TruFuel	Some Visible Effect
SAE 20 Oil	No Visible Effect
5% Alconox	No Visible Effect

Shelf life is 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. It remains the responsibility of the user to assess the risk of using this product. We encourage customers to develop testing protocols that will qualify a product's fitness for use in their actual application.

Trademarks:
ASTM: American Society for Testing and Materials (U.S.A.)
Alconox® is a registered trademark of Alconox Co.
All S.I. Units (metric) are mathematically derived from the U.S. Conventional Units
PSTC: Pressure Sensitive Tape Council (U.S.A.)
SAE: Society of Automotive Engineers
TruFuel® is specifically 4-cycle engineered fuel

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.

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