THE DATASHEET OF

97613

Technical Data Sheet

BRADY B-819 ANTI SKID-PROOF FLOOR GRAPHICS

TDS No. B-819
Effective Date: 11/05/2015

Description:
Brady B-819 is a surface printed vinyl with a velvet embossed rigid clear vinyl overlaminate.

Details:





Use:
Brady B-819 is used to mark aisles, point out safety equipment and exits, and enforce protective equipment requirements.

Adhesive Type:
Pressure sensitive acrylic

Substrate Type:
Surface printed vinyl overlaminated with transparent anti-slip vinyl

Standard Material Colors:
White and yellow

Standard Legend Colors:
Black, red, yellow, green, blue, and magenta

Thickness:
Total: 0.012 in. (0.3mm)

Adhesive Properties:
Adhesion to Steel
15 Minute Dwell (Avg.) -- 118 oz/in. 129 N/100mm)
Ultimate Dwell (72 Hrs.) (Avg.) -- 237 oz/in. (259 N/100mm)
Tack (ASTM D 2979) (Avg.) -- 1776 g (17 N)
Drop Shear (PSTC-7) (Avg.) -- 22 hr.

Abrasion Resistance (ASTM D4060-14):
H-22 wheels, 1000 g wts.
Overlaminate withstands up to 3700 cycles.

Gloss (85°):
13 Gloss Units

Minimum Application Temperature:
0°F (-18°C)

Service Temperature:
-40°F to 158°F (-40°C to 70°C)

Average Outdoor Durability:
Not recommended for outdoor use.

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	NE	NE
50% Sodium Hydroxide	F	NE
10% Sodium Hydroxide	F	NE
10% Ammonia	NE	NE
5% Sodium Hypochlorite	NE	NE
Methyl Ethyl Ketone	F	F
Acetone	F	F
Toluene	F	F
Methanol	F	NE
Isopropyl Alcohol	F	NE
Heptane	F	NE
Mineral Spirits	F	NE
Turpentine	F	F
Kerosene	F	NE
Diesel Fuel	F	NE
Gasoline	F	F
ASTM #3 Oil	NE	NE
SAE 20 Oil	NE	NE
10% Sodium Chloride	NE	NE
Alconox®	F	NE
Water	NE	NE

NE = No Effect
F = Failed (affected Sample)

7 Day Immersion: Immersed in reagent for 7 days.
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:
Alconox® is a registered trademark of Alconox Co.
Signmark® is a registered trademark of Brady Worldwide, Inc.
ASTM: American Society for Testing and Materials (U.S.A.)
PSTC: Pressure Sensitive Tape Council (U.S.A.)
SAE: Society of Automotive Engineers (U.S.A.)
All S.I. Units (metric) are mathematically derived from the U.S. Conventional Units.

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.

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