

BRADY B-840 BIOHAZARD FLOOR GRAPHICS

TDS No. B-840
Effective Date: 07/21/2005

Description:

Brady B-840 Biohazard Floor Graphics is a surface printed pressure sensitive polyester with a velvet embossed rigid clear vinyl overlamine.

Details:

Use:

Brady B-840 is used to identify the actual or potential presence of a biologically hazardous material.

Relevant Standards:

Meets OSHA Standards 1910.145(e)(4) and 1910.1030(g)(1)

Adhesive Type:

Pressure sensitive acrylic

Substrate Type:

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

Standard Legend Color:

Black

Thickness (PSTC 33):

Total: 0.020 in. (0.51mm)

Adhesive Properties:

Adhesion to Stainless Steel (PSTC-1)
15 Minute Dwell (Avg.) -- 54 oz/in (59 N/100mm)
Ultimate Dwell (72Hrs) (Avg.) -- 99 oz/in (108 N/100mm)

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

H22 Wheels, 1000g wts.
Overlamine withstands up to 7,000 cycles

Gloss (60°):

7 Gardner Units

Minimum Application Temperature:

50°F (10°C)

Service Temperature:

-40°F to 122°F (-40°C to 50°C)

Expected Service Life of Adhesive and Printed Legend:

Average of 5 years

Outdoor Applications:

Not recommended for outdoor applications

Chemical Resistance:

REAGENT	7 DAY IMMERSION	DIP TEST
30% Sulfuric Acid	NE	NE
10% Sulfuric Acid	NE	NE
30% Hydrochloric Acid	NE	NE
10% Hydrochloric Acid	NE	NE
Glacial Acetic Acid	F	F

5% Acetic Acid	NE	NE
50% Sodium Hydroxide	NE	NE
10% Sodium Hydroxide	NE	NE
10% Ammonia	NE	NE
5% Sodium Hypochlorite	NE	NE
10% Sodium Chloride	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	NE
Kerosene	F	NE
Diesel Fuel	F	NE
Gasoline	F	F
ASTM #3 Oil	NE	NE
SAE 20 Oil	NE	NE
Alconox	F	< div align="center">NE
DI 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.

Shelf Life:

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

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.)
Fed. Spec.: United States Federal Specification (U.S.A.)
OSHA: Occupational Safety & Health Administration
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.

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