

BRADY B-840 BIOHAZARD FLOOR GRAPHICS

TDS No. B-840
Effective Date: 11/13/2017

Description:

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

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.
Overlaminates 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:

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:

Alconox® is a registered trademark of Alconox Co.

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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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