

BRADY B-485 SELF-STICKING BIOHAZARD SIGN

TDS No. B-485
Effective Date: 11/10/2010

Description:

Brady B-485 is a high performance pressure sensitive Biohazard sign.

Details:

Use:

Brady B-485 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:

Polyester Film

Standard Legend Color:

Black

Thickness (PSTC 33):

.011 in. (0.28mm)

Adhesive Properties:

Adhesion to Stainless Steel (PSTC-1)
15 Minute Dwell (Avg.) -- 54 oz/in. (59.1 N/100mm)
Ultimate Dwell (72Hrs) (Avg.) -- 100 oz/in. (109.5 N/100mm)

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

CS-17 Wheels, 1000g wts.
Overlamine withstands up to 1,000 cycles

Gloss:

120 Gardner Units

Service Temperature:

-40°F to 122°F (-40°C to 50°C)

Chemical Resistance:

REAGENT	7 DAY IMMERSION	DIP TEST	RUB TEST
30% Sulfuric Acid	NE	NE	NE
10% Sulfuric Acid	NE	NE	NE
30% Hydrochloric Acid	NE	NE	NE
10% Hydrochloric Acid	NE	NE	NE
Glacial Acetic Acid	F	F	F
5% Acetic Acid	NE	NE	NE
50% Sodium Hydroxide	NE	NE	NE
10% Sodium Hydroxide	NE	NE	NE
10% Ammonia	NE	NE	NE
5% Sodium Hypochlorite	NE	NE	NE
10% Sodium Chloride	NE	NE	NE
MEK	F	F	F
Acetone	F	F	F
Toluene	F	F	F

Methanol	F	F	F
Isopropyl Alcohol	F	F	F
Heptane	NE	NE	NE
Mineral Spirits	F	NE	NE
Turpentine	F	NE	NE
Diesel Fuel	F	NE	NE
Kerosene	NE	NE	NE
Gasoline	F	F	F
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
Alconox®	F	NE	NE
Water	NE	NE	NE

NE = No Effect

NT = Not Tested

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.

Rub Test: Rubbed sample for 1 minute with swab soaked in reagent.

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.

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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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