

BRADY B-585 SELF-STICKING BIOHAZARD SIGN

TDS No. B-585
Effective Date: 10/1/2024

Description:

Brady B-585 is a high performance pressure sensitive Biohazard sign.

Details:



Use:

Brady B-585 is used to identify the actual or potential presence of biologically hazardous material.

Relevant Standards:

Meets OSHA standards 1910.145(e) and 1910.1030(g)(1)

Adhesive Type:

Pressure sensitive acrylic

Substrate Type:

Vinyl film

Standard Legend Colors:

Black

Thickness (PSTC-33):

.012" (.31mm)

Adhesive Properties:

Adhesion to Stainless Steel (PSTC1)
15 Minute Dwell (Avg.) 64 oz/in. (70 N/100mm)
Ultimate Dwell (72Hrs) (Avg.) 78 oz/in. (85 N/100mm)

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

CS17 Wheels, 1000g wts.
Overlaminated withstands up to 1,000 cycles

Gloss (ASTM D-523)

60° - 120 Gloss Units

Minimum Application Temperature

40°F (4°C)

Service Temperature

-40°F to 176°F (-40°C to 80°C)

Chemical Resistance:

REAGENT	7 DAY IMMERSION	DIP TEST
30% Sulfuric Acid	NE	NE
30% Hydrochloric Acid	NE	NE
50% Sodium Hydroxide	NE	NE
10% Ammonia	NE	NE
5% Sodium Hypochlorite	NE	NE
MEK	F	F
Acetone	F	F
IPA	NE	NE
Mineral Spirits	NE	NE
Gasoline	NE	NE
SAE 20 Oil	NE	NE
Alconox®	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.

Fed. Spec.: United States Federal Specification (U.S.A.)

OSHA: Occupational Safety & Health Administration

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.)

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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