

**BRADY B-559 ALUMINUM BIOHAZARD SIGNS**

TDS No. B-559  
Effective Date: 10/13/2005

**Description:**

Brady B-559 Aluminum Biohazard Sign is an aluminum/synthetic film laminate sign panel. Sign panels are overlaminated for increased chemical and abrasion resistance.

**Details:**

**Use:**

Brady B-559 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)

**Material Construction:**

0.040 in. coil coated aluminum/synthetic film laminate

**Standard Legend Color:**

Black

**Thickness (PSTC-133):**

Total: 0.044 in. (1.11 mm)

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

CS-17 wheels, 1000 g wts.  
Overlaminated withstands up to 4400 cycles.

**Service Temperature:**

-40°F to 212°F (-40°C to 100°C)

**Chemical Resistance:**

7 Day Immersion

Toluene = F  
Kerosene = F

REAGENT	7 DAY IMMERSION	DIP TEST
30% Sulfuric Acid	NT	NT
10% Sulfuric Acid	NT	NT
30% Hydrochloric Acid	NT	NT
10% Hydrochloric Acid	NT	NT
Glacial Acetic Acid	NT	NT
5% Acetic Acid	NT	NT
50% Sodium Hydroxide	NT	NT
10% Sodium Hydroxide	NT	NT
10% Ammonia	NE	NE
5% Sodium Hypochlorite	NE	NE
10% Sodium Chloride	NE	NE
MEK	F	F
Acetone	F	F
Toluene	NE	NE
Methanol	F	F
Isopropyl Alcohol	F	NE
Heptane	NE	NE
Mineral Spirits	F	NE
Turpentine	F	NE
Diesel Fuel	F	NE

Gasoline	NE	NE
Kerosene	NE	NE
ASTM #3 Oil	NE	NE
SAE 20 Oil	NE	NE
Alconox®	NE	NE
Water	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.

**Shelf Life:**

Unlimited 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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