

**Paper Signage for sustainability**

TDS No. B-586  
Effective Date: 08/04/2010

**Description:**

Brady B-B-586 Sustainable Paper Safety Signs made of 10% Post Consumer Waste

**Details:**

**Use:**

Brady B-586 signs are designed for use in light duty industrial, utility, commercial, and institutional environments temporary signage not recommended for out door use

**Material Construction:**

Paper Board

**Standard Background Colors:**

Yellow, and white

**Standard Legend Colors:**

Black, white, red, blue, green and magenta

**Thickness (ASTM D 1593):**

Total: 0.14 in. (3.5 mm)

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

CS-10 wheels, 500g wts.  
Legend withstands up to 900 cycles

**Service Temperature:**

-40°F to 175°F (-40°C to 80°C)

**Average Outdoor Durability:**

Not recommended for outdoor use

**Chemical Resistance:**

REAGENT	7 DAY IMMERSION	DIP TEST	RUB TEST
30% Sulfuric Acid	F	F	NE
10% Sulfuric Acid	F	F	NE
30% Hydrochloric Acid	F	F	NE
10% Hydrochloric Acid	F	F	NE
Glacial Acetic Acid	F	F	NE
5% Acetic Acid	F	F	NE
50% Sodium Hydroxide	NE	NE	NE
10% Sodium Hydroxide	F	F	NE
10% Sodium Chloride	F	F	NE
10% Ammonia	F	F	NE
5% Sodium Hypochlorite	F	F	NE
Methyl Ethyl Ketone	F	F	F
Acetone	F	F	F
Methanol	NE	F	F
Toluene	F	F	F
IPA (Isopropanol)	NE	NE	NE
Heptane	F	NE	NE
Mineral Spirits	F	NE	NE

Turpentine	F	NE	NE
Diesel Fuel	F	NE	NE
Kerosene	F	NE	NE
Gasoline	F	F	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
Alconox®	F	F	NE
Water	F	F	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.

**Shelf Life:**

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

All S.I. Units (metric) are mathematically derived from the U.S. Conventional Units

**Trademarks:**

ASTM: American Society for Testing and Materials (U.S.A.)  
Alconox® is a registered trademark of Alconox Co.  
Fed. Spec.: United States Federal Specification (U.S.A.)  
OSHA: Occupational Safety & Health Administration  
SAE: Society of Automotive Engineers (U.S.A.)  
Signmark® is a registered trademark of Brady Worldwide, Inc.

**Note:** All values shown are averages and should not be used for specification purposes.

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