

BRADY B-130 BRADYSTAKE MARKER

TDS No. B-130

Effective Date: 02/15/2001

Description:

Brady B-130 BRADYSTAKE™ markers are flexible, fiberglass reinforced, edge ribbed, plastic stakes. Available blank or with graphics including pressure sensitive labels, reflective labels, encapsulated attached signs, or subsurface encapsulated graphics.

Details:



Use:

Used to mark buried cable and pipe line routes, trails, property boundaries, parking areas, etc.

Special Properties:

BRADYSTAKE™ markers are designed to return to an upright position after being struck by a vehicle. In most soil conditions the flexible shaft prevents unauthorized removal by vandals. The stake material is resistant to chemical attack and the effects of outdoor exposure. It will not rot, rust, or corrode. The edge ribbed profile allows for easy, two sided identification.

Substrate Type:

Fiberglass reinforced polyester.

Standard Material Colors:

Orange, yellow, red, green, brown, white, and blue

Weight:

8.0 oz/ft. (0.74 kg/m)

Flammability: (ASTM D 635)

Burn rate: 0.3 in/min (0.76 cm/min)

Extent of burn: 4 inches (10.0 cm)

Gloss:

40 Gardner Units

Service Temperature:

-40°F to 158°F (-40°C to 70°C)

Average Outdoor Durability:

8-12 years (Average expected outdoor life of product will depend on user definition of failure and climatic conditions.)

Chemical Resistance:

REAGENT	7 DAY IMMERSION	DIP TEST	RUB TEST
30% Sulfuric Acid	NE	NE	NE
10% Sulfuric Acid	NE	NE	NE
30% HCl	NE	NE	NE
10% HCl	NE	NE	NE
50% NaOH	NE	NE	NE
10% NaOH	NE	NE	NE
Methyl Ethyl Ketone	NE	NE	NE

Acetone	NE	NE	NE
1,1,1-Trichloroethane	NE	NE	NE
Methanol	NE	NE	NE
IPA (Isopropanol)	NE	NE	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
Alconox®	NE	NE	NE
Toluene	NE	NE	NE
Mineral Spirits	NE	NE	NE
Glacial Acetic Acid	NE	NE	NE
5% Acetic Acid	NE	NE	NE
Diesel Fuel	NE	NE	NE
Heptane	NE	NE	NE
Cellosolve Acetate	NE	NE	NE
Conc. Ammonia	NE	NE	NE
10% Ammonia	NE	NE	NE
Turpentine	NE	NE	NE
Kerosene	NE	NE	NE
Water	NE	NE	NE
Gasoline	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.

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.

BRADYSTAKE™ is a trademark of Brady Worldwide, Inc.

Signmark® is a registered trademark of Brady Worldwide, Inc.

ASTM: American Society for Testing and Materials (U.S.A.)

SAE: Society of Automotive Engineers (U.S.A.)

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

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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