Technical Data Sheet

BRADY B-101 POLYCOATED TAGSTOCK

TDS No. B-101
Effective Date: 09/27/2017

Description:
Brady B-101 is a surface printed polycoated tagstock.

Details:
Use:
Brady B-101 is used for temporary vehicle placards.

Special Properties:
Brady B-101 polycoated tagstock exceeds D.O.T. 30 day weathering requirements.

Substrate Type:
Polycoated tagstock

Standard Material Color:
White

Standard Legend Colors:
Black, red, green, blue, yellow, and orange

Thickness (PSTC-133):
0.024 in. (0.60 mm)

Abrasion Resistance (ASTM D4060-14 Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser):
CS-10 wheels, 250 g weights
Legend withstands up to 300 cycles

Gloss (60°):
5 Gloss Units

Service Temperature:
-40°F to 158°F (-40°C to 70°C)

Average Outdoor Durability:
Not recommended.

Chemical Resistance:

REAGENT	RUB TEST
30% Sulfuric Acid	NE
10% Sulfuric Acid	NE
30% HCl	NE
10% HCl	NE
50% NaOH	NE
10% NaOH	NE
Methyl Ethyl Ketone	F
Acetone	F
5% Sodium Hypochlorite (bleach)	NE
Methanol	F
IPA (Isopropanol)	F
ASTM #3 Oil	NE
SAE 20 Oil	NE
Alconox®	F
Toluene	F
Mineral Spirits< /td>	NE
Glacial Acetic Acid	F

5% Acetic Acid	NE
Diesel Fuel	NE
Heptane	NE
10% Sodium Chloride (saline)	NE
10% Ammonia	NE
Turpentine	NE
Kerosene	NE
Water	NE
Gasoline	F

NE = No Effect
NT = Not Tested
F = Failed (affected Sample)
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.
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.
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