

BRADY B-7525 ALUMINUM SAFETY SIGNS

TDS No. B-7525
Effective Date: 09/27/2011

Description:

BRADY B-7525 is an aluminum safety sign protected with transparent polyester.

BRADY B-7525 is used for indoor and outdoor safety signs. B-7525 is available in the following standard colors: Red, Green, Blue, Yellow and Black

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000	1.10 mm (0,04 in) Alu: 1 mm (0.039 in) ink: 0.10 mm (0.0039 in)

PERFORMANCE PROPERTIES	TEST METHODS	TYPICAL RESULTS
High service temperature	30 days at 140° C (230° F)	N.V.E.
Low service temperature	30 days at -40° C (-40° F)	N.V.E.
Humidity	30 days humidity chamber at 38° C (100,4° F) and 95% R.H.	N.V.E.
Weatherability	ASTM G 53 30 days QUV	Yellow & Red: Very light darkening* Green, blue and black: N.V.E.
UV Resistance	30 days exposure to UV light	Yellow & Red: Very light darkening* Green, blue & black: N.V.E.

* In all cases the discoloration was less than the maximum allowed delta E for safety colors.

PERFORMANCE PROPERTIES	CHEMICAL RESISTANCE
Finished products are tested consisting out of five cycles of 10 min immersion in the specified chemical reagent, followed by a 30 min recovery periods. After final immersion, samples rubbed 10 times with cotton swab saturated with test fluid.	

CHEMICAL REAGENT	SUBJECTIVE OBSERVATION OF VISUAL CHANGE	
	LABEL STOCK SUBSTRATE / ADHESIVE	PRINTING AFTER IMMERSION AND COTTON SWAB RUBS
Isopropanol	N.V.E.	N.V.E.
Acetone	N.V.E.	N.V.E.
Methyl Ethyl Ketone	N.V.E.	N.V.E.
1,1,1 Trichloroethane	N.V.E.	N.V.E.
n-Hexane	N.V.E.	N.V.E.
Iso-octane	N.V.E.	N.V.E.
Alcohol mixture	N.V.E.	N.V.E.
Diesel	N.V.E.	N.V.E.
Petrol	N.V.E.	N.V.E.
Water	N.V.E.	N.V.E.
NaCl (10%)	N.V.E.	N.V.E.
NaOH (10%)	N.V.E.	N.V.E.
H ₂ SO ₄ (10%)	N.V.E.	N.V.E.
Skydrol® 500B-4	N.V.E.	N.V.E.

* Alcohol mixture is a mixture of 50% ethanol, 30% methanol and 20% distilled water.
N.V.E.: No Visible Effect

Product testing, customer feedback, and history of similar products, support a customer performance expectation of at least **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*. We are confident that our product will perform well beyond this time frame. However, it remains the responsibility of the user to assess the risk of using such product. We encourage customers to develop functional testing protocols that will qualify a product's fitness for use in their actual applications.

Trademarks:

Skydrol® is a registered trademark of the Monsanto Company
ASTM: American Society for Testing and Materials (U.S.A.)
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.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties, express or implied, and assumes no liability in connection with the use of this information.

WARRANTY

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

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