

TECHNICAL DATA SHEET

PRODUCT NAME: GREEN TURF PAINT / DYE: TIAB (Turf in a Bottle)

PRODUCT DESCRIPTION: TIAB is a specially formulated safe eco-friendly acrylic polymeric coating, to be applied as a green colorant / dye on dormant or discolored or damaged grass to impart a beautiful look of natural healthy grass.

PRODUCT FEATURES: Dries quickly to a Grass green color. It is a durable, strong finish that won't wash away with water once dry and it will not kill or hurt the grass. Turf Dye is highly concentrated so it has excellent coverage. This super concentrate saves on shipping costs and storage space. Being water based it is non-flammable and non-toxic to the applicator and to the environment.

RECOMMENDED USES: On all exterior surfaces of play-fields, that includes all varieties of grass, artificial turf and clay. Spray on grass / turf of residential yards and commercial lawns as grass colorant / dye to impart curb appeal. To color Divot sand green for golf courses.

SURFACE PREPARATION: Cut grass to desired height. Remove any loose debris or dead grass to make sure the colorant is applied directly on the grass blades. Avoid spraying on a windy day. Protect surfaces like curbs or plants otherwise once dry the paint stains on curbs take a while to disappear.

APPLICATION PROCEDURE:

Brush: Not Recommended.

Roller: Can be applied with all kinds of Rollers. Long nap rollers are recommended.

Spray: Can be applied with all Airless and Conventional spray equipment. Pump-up Garden sprayers or bulk pull behind fertilizer boom sprayers or custom designed USSC spray machines.

General specs for Air-less Spray Machines: Graco LineLazer Striper
Tip Sizes – Min .013, Max .027
Filter - 60 mesh
Pressure: 1800 - 2800 psi.

SPECIFICATION

COLOR: Original Grass Green, South Western Green, Sugar Hill Green.

FINISH: Satin.

WEIGHT PER GALLON: 10.1 – 10.5

DRYING TIME: Max. 30 mins. at 77 deg. F at 55% RH.

VISCOSITY: 95 - 115 KU. (Concentrate)

Fineness of Grind: 5.

Hiding Power: Minimum 99 % contrast ratio @ 8 mil thickness of neat paint.

Solids by Weight : 55 - 59 %

VOC : less than 1.04 #s / gallon or less than 125 gms / liter.

THINNING: Up to 10 gallon of **WATER** per gallon of TIAB concentrate.

COVERAGE: One gallon of concentrate will cover 4000-8000 sq. feet depending on the intensity /depth of the color needed and the length and nature of the grass to be coated. It is recommended to try out a sample test area to determine what meet your requirements. To get different shades of green adding the right amount of dilution water is also important. For a darker shade of green or for dormant grass add less water during dilution. For non-dormant application or a lighter shade of green add more water during dilution. The green dye is permanent when dry, meaning it will not wash off with water when dry.

TINTING: with universal water-base colorants to match custom colors if needed.

CLEAN-UP: Warm soap and water before TIAB dries. Accidental over-spray on hands, curbs, clothes or walls, etc, can be removed by a water and soap rinse prior to drying. Grass Yards, Lawns, Athletic Fields sprayed with TIAB must be allowed to completely dry to prevent rub-off on shoes, feet, clothes, uniforms.

FLASH POINT: None. Non-Flammable.

CONTAINER: Quart cans, 1 gallon bottles, 5 gallon buckets with silk screen imprint. Lids with tear away tabs and must be reseal able.

FREEZE-THAW: Avoid freezing.

SHELF LIFE: 2+ years.

Meets Federal Regulations for lead and other heavy metals and existing air pollution laws.

CAUTION: Always keep full and empty containers after use, closed and away from the reach of children. Avoid prolonged contact with skin, eyes or breathing of mist. Use with adequate ventilation. Do not take internally. In medical emergency, refer to **Material Safety Data Sheet (MSDS)**, provided one on request.

Disclaimer: There are no warranties which extended beyond the information in the TDS. USSC warrants this product to conform to its own specifications. Manufacturer's liability on this warranty is limited to the return of the purchase price of this product. The buyer assumes all risks and liability resulting from the use of this product. USSC neither assumes nor authorizes any person to assume for it any other liability in connection with the sale or use of this product.

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