



MASTER STOP® Aluminum Tape Treads Technical Specifications

Product Nomenclature: Master Stop Tape Treads®

Company Information

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Basic Information

Master Stop Tape Treads® are an eye catching, resilient, anti-slip product for use on steps that require an anti-slip surface. An aluminum extrusion inlayed with Master Stop anti-slip tapes. Traditionally used on renovation projects, Master Stop treads deliver maximum safety and durability while providing a look to compliment today's building designs. Available in 2 standard depths; 2.75" and 7.5".

Product Construction

Master Stop Tape Treads are created using heat treated, exterior grade 6063 T5 aluminum inlayed with our Master Stop anti-slip tapes. This product meets or exceeds the recommended value for slip resistance on wet and dry surfaces.

Product Types

Overall thickness: .18" (4.5mm)

Sizes Available:

2.75" with tapered transition ramp (Nose, single cavity)

7.5" with tapered transition ramp (Tread, double cavity)

Lengths: made to order Maximum 144" (3,667.6mm)

Fractions of an inch acceptable with tolerance

ANTI-SLIP TAPE INLAY INFORMATION

<u>Ingredient</u>	<u>Weight %</u>
o Upper Layer	50% to 60%
<input type="checkbox"/> Abrasive	
<input type="checkbox"/> Urethane	
• Reflective Stripe	
o Polyester Layer	10% to 15%
o Pressure Sensitive Adhesive Layer	15% to 20%
o Liner	20% to 30%
<input type="checkbox"/> Paper	

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance:

Abrasive material available in various colors.

Physical Form: Solid

Potential Health Effects: Not anticipated under recommended usage conditions.

Potential Environmental Effects: Not anticipated under recommended usage conditions

FIRST AID MEASURES

No need for first aid is anticipated under recommended usage conditions, however product contains abrasive surface material which can cause cuts to skin.

FIRE FIGHTING MEASURES

Use media and protection appropriate to primary source of fire.

ACCIDENTAL RELEASE MEASURES

Solid material, not applicable.

HANDLING AND STORAGE

This product is an article which does not release or otherwise result in exposure to a hazardous chemical under normal handling, storage, and use conditions.

EXPOSURE CONTROLS/PERSONAL PROTECTION

This product is an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Anti-Slip material available in various colors.

Physical state:

Solid.

STABILITY AND REACTIVITY

Stability: Stable under recommended usage conditions.

Possibility of Hazardous Reactions: Not expected under recommended usage conditions.

TOXICOLOGY INFORMATION

No known toxicological effects under recommended usage conditions.

ECOLOGICAL INFORMATION

No known environmental effects under recommended usage conditions.

DISPOSAL CONSIDERATIONS

Reclaim or recycle where feasible. Dispose of in accordance with federal, state and local regulations.

TRANSPORTATION INFORMATION

Not regulated as hazardous by U.S. DOT, IATA, or IMO.

REGULATORY INFORMATION

Contact Sure-Foot Industries Corp. if more information is required.

All raw materials used in the manufacturing of this material are listed on the TSCA inventory list or exempt.

Product does not contain any REACH SVHC's >0.1%.

Complies with ROHS.

OTHER INFORMATION

The information herein is believed to be correct as of the date issued. Sure-Foot Industries makes no warranties, express or implied, and assumes no liability in connection with any use of this information. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use. The information contained in this document should not be used in place of the user's assessment of risks as required under various health and safety regulations.

Packaging

This product is made to order and ready to install upon delivery. The treads come with pre-drilled counter-sunk holes and optional screws to fasten the treads on steps.

Installation

General Preparation and Conditioning

All materials are to be delivered to the installation location in its original packaging with label intact. Product should be stored in Flat, Level, Dry areas. **DO NOT STACK!** Surface must be level, smooth, clean and dry. If desired, paint surface before installing treads. Product, surface and ambient temperatures must be above adhesive recommendations before installation. Items needed for installation: Drill, bit, Construction Adhesive, Chalk line, Treads and screws. Proper use of Personal Protection Devices such as gloves, eye & ear protection as well as a dust respirator is required when installing Master Stop tape treads.

Surface Applications

Concrete

Fill and patch all holes making the step surface flat and smooth. If step is bowed or nose is rounded use a cement filler to ensure the step is level. Make certain the surface is clean using an industrial cleaner. Rinse the surface thoroughly to remove any soap residue. Allow surface to dry completely. If desired, paint the surface before installation.

Wood Floors

Replace any areas of wood that are bowed or severely worn, creating a flat, smooth, level surface. Make certain the surface is clean using an industrial cleaner. Rinse the surface thoroughly to remove any soap residue. Allow surface to dry completely. If desired, paint the surface before installation.

Metal Floors

Remove any flaking rust or paint. Make certain that the steps are level and smooth. Clean surface with industrial cleaner and rinse completely to remove any soap residue. Allow surface to dry.

Adhesive information

Constructive adhesive for sub-floors and decks. Follow application instructions on adhesive to ensure best results. Should be applied in ¼" bead around each screw hole, around the edge of the tread, front, back and side approximately ¼' from the edge and complete with a zigzag formation across the bottoms of the tread. Allow 24 – 48 hours for the adhesive to fully dry

Adhesive application and Product Installation

Ensure that the step surface is flat, smooth and level before installing the treads. You will need a center punch, a hammer, a drill, drill bit, adhesive, chalk line and screws. Place one tread on the top step and another tread on the bottom step. Center both treads on the steps. Take the chalk line and stretch it from the left side of the top step to the left side of the bottom step and snap it. This will offer you a placement guide line for the rest of the treads. Starting at the top step and using a tread as a template, use the center punch and mark where each pilot hole needs to be. Then remove the tread, using the drill with the bit, drill your pilot holes for the step. Tap each pilot hole. Clean off any drill shavings from the step. Turn your tread over and apply the adhesive. Place a ¼' bead around each hole, ¼" from the edge of the tread and in a serpentine pattern across the bottom of the tread. Line the tread up and place the tread in place. Using the drill, fasten the tread in place.

Product Maintenance

Initial Maintenance

Remove and clean any adhesive product off the treads immediately. Wait 72 hours before cleaning the treads with an industrial cleaner and water.

Regular Maintenance

Surface can be swept to remove any loose dirt. Treads can be cleaned using a general purpose industrial floor cleaner

Aluminum Nose:

Spots, Marks and Scuffs, use green Scotch-Brite pad length-wise directio

TDS / SDS

Master Stop Tape stair treads are defined as a manufactured article, see below;

Articles

An "article" means a manufactured item: (1) which is formed to a specific shape or design during manufacture (2) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (3) which does not release, or otherwise result in exposure to, a hazardous chemical under normal conditions of use. Any product which meets the definition of an "article," would be exempt from the requirements of the Standard.

For example, a roll of copper electrical wire sold to a hardware store would fit this definition of an article, but a load of copper ingots being shipped to a computer chip manufacturer would not (and would require an MSDS).

The definition has been amended to permit the release of "very small quantities, e.g., minute or trace amounts" of a hazardous chemical and still qualify as an article provided that a physical or health risk is not posed to the employees (59 F.R. 6146). In evaluating an article, one must consider the health risk which exposure to that article presents. (The term "risk" as opposed to "hazard" is used here, since the hazard is an inherent property of the chemical and exists no matter the quantity of exposure. To be exempted as an article, exposure must not pose a risk to employee health.)

Note that OSHA cannot make an across-the-board determination of a products' exclusion as an "article." The standard's definition by its very wording imposes the need to make case-by-case evaluations. Consequently, a blanket exemption for specific products cannot be given by OSHA.

Please feel free to contact Sure-Foot Industries Corp. with any questions regarding this or any of our additional anti-slip safety products.

www.surefootcorp.com

1-800-522-6566

Sure-Foot Industries Corporation is not responsible for any injuries or death incurred while installing any Sure-Foot Industries Corporation products.