



Polyurethane Protective Tape Painting Instructions

Technical Bulletin

November 2007

3M™ Polyurethane Protective Tapes and Boots may be painted after application to achieve special color effects or to color match application surfaces.

Prior to painting, the 3M Tapes and Boots must be properly applied to a clean, smooth surface.

A. Painting Methods

Standard spray painting methods are recommended.

B. Preparation of the 3M Tape or Boot Surface for Painting

Light scuffing and/or solvent wiping the film surface prior to painting is recommended. The following procedure should be followed.

1. Scuff the 3M Tape or Boot surface with 3M™ Scotch-Brite™ General Purpose Pad 7447.
2. Saturate a clean cotton rag with methyl ethyl ketone (MEK) and lightly wipe the 3M Tape surface (preferred method). Ethanol may be used as an alternative solvent.
3. Wipe surface dry with a lint-free cloth before the solvent evaporates from the surface.

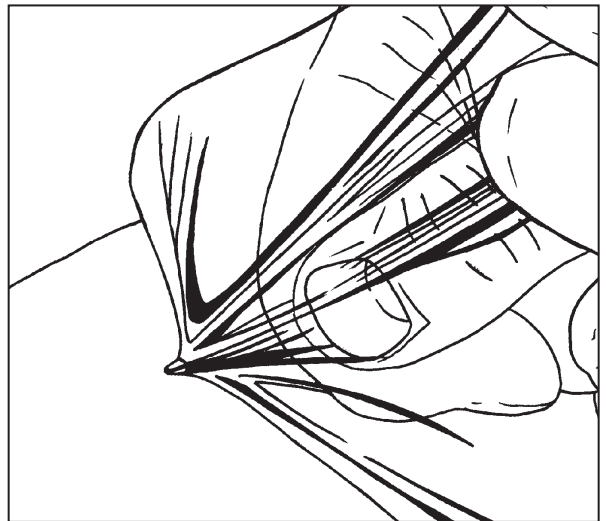
C. Painting the Applied 3M Tape or Boot

Most high quality outdoor grade enamels, lacquers and polyurethane paints can be used.

1. When using single-part paint systems, you may paint directly over the applied 3M Tape or Boot without using the recommended primer system. Thin coatings are best for maximum resiliency-acrylic enamels, for example.
2. When using two-part paint systems, such as Military Spec two-part urethane paints, it is recommended that the surface of the 3M Tape or Boot be primed with a polyamide cured, two-part epoxy primer such as those meeting Mil-P-23377.

D. Drying

The painted tape or boot may be air dried at room temperature or force cured. Force curing such as oven drying at temperatures above 150°F (66°C) is not recommended.



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Safety and Regulatory

- 3M™ Polyurethane Protective Boots are **100%** solids and contain no hazardous air pollutants (HAPs), volatile organic components (VOCs) or materials restricted by regulations or law.
- Polyurethane Protective Boots meet US Federal and California regulations for landfillable materials. The product is potentially recyclable.
- Packaging materials meet US Federal and California regulations for landfillable materials and are recyclable or reusable.
- This product is considered to be an article that does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.
- When using solvents, extinguish all ignition sources, including pilot lights. Read and follow manufacturer's warnings and directions for use.
- Before using solvents, consult local air quality rules and regulations which may regulate solvent use.

Shipping and Storage

No special/hazardous labeling or packaging required and no regulations for air, ground or water shipment for this product.

Keep film in a clean area, away from excessive moisture and out of direct sunlight. Store rolls in the shipping carton. Return partially used rolls to the shipping carton.

Shelf life: Two (2) years from date of manufacture.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, visit www.3M.com/msds or call 1-800-364-3577 or (651) 737-6501.

For Additional Information

In the U.S., call toll free 1-800-235-2376 or fax 1-800-435-3082 or 651-737-2171. For U.S. Military, call 1-866-556-5714. If you are outside of the U.S., please contact your nearest 3M office or one of the following branches:

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3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Limitation of Remedies and Liability

If the 3M product is proved to be defective, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability.

These products were manufactured under a 3M quality standard registered under AS9100 or ISO9001 standards.



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