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Matting Adhesive

1.0 Product Description

The product is a urethane-based adhesive for seaming or attaching edging to vinyl or vinyl-backed matting, such as 3M™ Nomad™ Matting and 3M™ Safety-Walk™ Matting.

2.0 Intended Use

For use with 3M™ Matting Seaming Tape to join vinyl mats together to produce a custom-sized mat. Also for use with 3M™ Matting Edging to provide tapered edges to vinyl or vinyl-backed matting.

Seaming:

3M™ Matting can be seamed together to make mats wider or longer than the standard sizes.

Materials needed:

- 3M™ Matting Seaming Tape (kit or roll)
 - 3M™ Matting Adhesive (one 3-ounce tube of adhesive will seam 15 lineal feet of matting).
- Before seaming, be certain that the matting is relaxed and not stretched – unroll the matting and allow it to lie undisturbed for 24 hours at room temperature. Avoid stretching or pulling on the mat when seaming.
 - Use pieces from the same roll to assure that color shade and texture are the same.
1. Place pieces of matting to be seamed side by side on a clean surface. Note: Be sure the arrow markers printed on the back of each piece of matting point in the same direction. This will provide a nearly invisible seam after the mats have been joined.
 2. Unroll 3M™ Matting Seaming Tape between the two pieces of matting that are to be joined and cut the tape to length.
 3. Position the two pieces of matting on the seaming tape so that the edge of each piece covers half the width of the tape. Be sure the two pieces of matting touch at the center of the tape but do not overlap or buckle.
 4. Fold back the edge of one piece of the matting along the full length of the seam.
 5. Apply a continuous wavy bead of adhesive ¼” from the outside of the outside edge of the exposed half of the seaming tape. Note: When applying adhesive, work rapidly. Adhesive may cause wrinkling of the seaming tape if the matting is not joined within ten minutes of applying the adhesive.
 6. Return the folded edge of the matting to its original position and apply moderate pressure to bond the adhesive.

2.0 Intended Use (continued)

7. Fold back the second piece of matting along the entire length of the seam.
8. Apply two additional beads of adhesive. The first bead should be applied along the joint of the seaming tape and the first piece of matting. The second bead should be applied in a wavy pattern ¼” from the outside edge of the exposed half of the seaming tape.
9. Return the folded edge of the second piece of matting back to its original position and press firmly. At the same time, gently push both pieces of matting together to eliminate any gaps.
10. Place a weight, such as a board along the full length of the seam to continue pressure on the bond. Allow to dry undisturbed for at least 8 hours before placing the mat into service.

Edging:

Edging can be easily applied to 3M™ Matting to form a tapered edge.

Tools and materials needed:

- Utility knife
 - 3M™ Matting Edging (High, Medium or Low Profile)
 - 3M™ Matting Adhesive (one 3-ounce tube of adhesive will apply approximately 15 lineal feet of edging).
- Before applying edging ensure that the matting and edging are relaxed and not stretched. Unroll the matting and edging and allow them to lie undisturbed for 24 hours at room temperature. Do not stretch or pull when applying edging.
 - Apply edging to opposite sides of the matting over which most people will walk. Recommended maximum edge length is 12 feet.
1. Arrange mat on floor so that sides to be edged are straight. Trim edges with a utility knife (not scissors) and a straight edge if necessary (See Custom Cutting Instructions packaged with the 3M™ Matting.)
 2. Cut a piece of edging the same length as the edge of the mat.
 3. Place the edging flat on the floor, grooved side up.
 4. Apply two beads of adhesive liberally to the top of the edging.
 5. Place the edge of the mat on top of the edging groove containing the adhesive. Gently work the mat snugly into the corner of the edging groove to ensure a good fit.
 6. Place a weight, such as a board, along the full length of the edging to maintain the pressure on the bond. Allow the edged mat to dry undisturbed for at least 8 hours before placing it into service.

3.0 Standard Sizes

3 ounce tube

4.0 Color

Clear

5.0 Requirements

The product shall be an adhesive for adhering 3M™ Matting Seaming Tape and 3M™ Matting Edging to vinyl matting. The product shall contain a non-photochemically reactive solvent blend. A Material Safety Data Sheet is available on the product.

Warning: Contains a chemical which can cause birth defects (108-88-3). Refer to Material Safety Data Sheet (11-5259-4) for specific health and safety information.

6.0 Packaging and Marking

Packaging: 12 – 3 ounce tubes per case.

Marking: Each tube and carton shall be marked with product name, net weight and manufacturer's trade name.

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Important Notice:

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