

### 996 Two-Part Epoxy Adhesive

#### 1. PROPRIETARY PRODUCT/MANUFACTURER

##### 1.1 Proprietary Product: #996 Two-Part Epoxy Adhesive

##### 1.2 Manufacturer:

Johnsonite, Inc.,  
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##### 1.3 Proprietary Product Description:

**1.3.1 Construction:** Johnsonite #996 Two-Part Epoxy Adhesive is specifically formulated for the installation of Johnsonite Rubber Floor Tiles, and Rubber and Vinyl Stair Treads and Nosings to most clean, dry, porous and nonporous interior floor and stair surfaces where environmental and health concerns require an adhesive with environmentally sensitive characteristics. Johnsonite #996 Two-Part Epoxy Adhesive is solvent-free and contains no hazardous or carcinogenic ingredients as defined by OSHA, Federal, or State agencies. The nonflammable adhesive meets all requirements for Class "A" flame spread per ASTM E-84.

##### 1.3.2 Physical Characteristics:

- Base - Epoxy-polyamide resin
- Color - Beige
- Weight per Gallon, lbs. – 12.5
- Consistency - Soft Paste
- Open Time – Maximum open time is 40 to 50 minutes at 75°F Higher
- temperatures will result in shorter open times
- Shelf Life - 1 year at 70°F. in unopened container
- Application - 1/16" x 1/16" x 1/16" Square Notched Trowel
- Coverage per gallon - Approximately 150 sq. ft.
- Solvent - None
- Packaging: 1 quart (6/ctn), 1 gallon (2/ctn)

#### 2. PRODUCT PERFORMANCE AND TECHNICAL DATA

**2.1 Fire Resistance:** ASTM E 84/NFPA 255 (Steiner Tunnel Test) - Class A.

#### 3. INSTALLATION

**3.1 General Installation Requirements:** The installation of Johnsonite #996 Two-Part Epoxy Adhesive, Johnsonite Rubber Floor Tiles and Johnsonite Stair Treads and Nosings should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive the products shall be clean, fully enclosed, weathertight, and maintained at a uniform temperature of at least 70° F for 24 hours before, during, and after

the installation is completed. The flooring products and adhesive shall be conditioned in the same manner. Wood floors should be double construction with a minimum thickness of 1 inch. Material selection shall be made utilizing ASTM F 1482, Standard Guide to Wood Underlayments Available for Use Under Resilient Floors. "Particle or chipboard" type underlayments are not acceptable. The floor must be rigid, free of movement, and have at least 18" of well ventilated air space below. Concrete shall be prepared utilizing ASTM F 710-86, Practice for Preparing Concrete Floors and other Monolithic Floors to Receive Resilient Flooring. The floor or step surface shall be smooth, flat, permanently dry, clean and free of all foreign material, such as dust, paint, grease, oils, solvents, curing and hardening compounds, sealers, asphalt, and old adhesive residue. It is

essential that moisture tests be taken on all concrete floors regardless of age and grade level. The test shall be in accordance with ASTM F-1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride. One test should be conducted for every 1000 sq. ft. of flooring and the results not exceed 3 lbs. per 1000 sq. ft. in 24 hours. If the test results exceed the limitations, the installation must not proceed until the problem has been corrected. Do not install on exterior surfaces subject to weather. Do not install flooring products over expansion joints. Cracks and uneven surfaces shall be filled with a quality cementitious patching compound.

Mix all of part "B" into part "A" and mix thoroughly until smooth and uniform in color, then mix for another 3-5 minutes. Adhesive will not cure if not properly mixed. Immediately after mixing, pour entire contents from container onto floor or step surface. Adhesive will generate heat and cure prematurely if left in container. Spread adhesive with a 1/16" x 1/16" x 1/16" square notched trowel. Lay tiles, treads, or nosings immediately into wet adhesive layer after troweling. Do not slide tiles into place, this will force adhesive out at the seams. Occasionally lift corner of tile or tread to ensure proper transfer of adhesive. Immediately after installation, roll entire floor surface with 100-150 lb. 3-section roller. Stair treads and nosings shall be rolled with a J-hand roller. Roll again 1 hour later. Inspect floor 2-1/2 hours after installation and roll a third time, if necessary. Avoid all traffic for at least 12 hours after installation. Avoid cold or excessive heat, including direct sunlight during this period.

**Caution:** Epoxy Adhesives cannot be removed when dry without damaging floor surface. Remove wet adhesive with a clean cloth dampened with Isopropanol, MEK, mineral spirits, or acetone.

**3.2 Installation Manual:** Refer to Johnsonite Rubber Floor Tile or Stair Tread and Nosing Installation Instructions for complete product installation. Adhesive container label also provides complete application instructions for this adhesive.

#### 4. AVAILABILITY AND COST

4.1 Available through authorized Johnsonite distributors nationwide.

#### 5. WARRANTY

5.1 Limited 1 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

#### 6. MAINTENANCE

6.1 Not applicable

#### 7. TECHNICAL SERVICES

7.1 **Samples:** Submittal samples for verification and approval available upon request from Johnsonite. Samples shall be submitted in compliance with the requirements of the Contract Documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

7.2 For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at [www.johnsonite.com](http://www.johnsonite.com) or contact Johnsonite at 1-800-899-8916.