950 LINOLEUM ADHESIVE

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. Proprietary Product: #950 Acrylic Latex Emulsion Adhesive for installing Johnsonite's Linoleum Sheet.

1.2. Manufacturer:

Johnsonite, Inc., Phone: (800) 899-8916
16910 Munn Road (440) 543-8916
Chagrin Falls, Ohio 44023 Tech: Ext 9297
Web: www.johnsonite.com Samples: Ext 9299
E-mail: info@johnsonite.com Fax: (440) 632-8920

1.3. Proprietary Product Description

- Johnsonite #950 Resilient Flooring Adhesive is a nonflammable, solvent free, acrylic latex emulsion adhesive.
- Is high strength adhesive made for installations over porous and non-porous substrates.
- Contains no hazardous or carcinogenic ingredients as defined by OSHA chemicals and meets all federal, state and local air quality regulations.
- Contributes to LEED Certification (E.Q. 4.1: Low-Emitting Materials: Adhesives and Sealants).
  CRI Green Label Plus Certified
  SCAQMD Rule 1168 – VOC compliant – 20 g/l

2. PRODUCT PERFORMANCE and TECHNICAL DATA:

- Base – Acrylic Polymer
- Color – Beige Paste
- Open Time – Approximately 20 minutes, depending on temperature, relative humidity, and porosity of subfloor.
- Shelf Life – 1 year at 65° F (14° C) to 85° F (30° C) and when stored in unopened, original container in a dry area.
- Do not freeze.

2.1. Application:

Porous Floor 3/32" x 3/32" x 3/32" 'V' notch trowel
Coverage – 100 – 125 sq. ft. per gallon.
Non-Porous Floor 1/16" x 1/16" x 1/16" 'V' notch trowel
Coverage – 125 – 150 sq. ft. per gallon.

3. INSTALLATION

3.1. General Installation Requirements:

- The installation of Johnsonite Linoleum flooring should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive flooring shall be clean, fully enclosed, weathertight, and maintained at a temperature between 70°F to 85°F (18°C to 29°°C) for 72 hours before, during, and after the installation is completed. The flooring material and adhesives shall be conditioned in the same manner. A minimum temperature of 55°F (13°C) must be maintained after installation.
- Floors 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. One test should be conducted for every 1,000 sq. ft. of flooring and the results not exceed 5 lbs. per 1,000 sq. ft. in 24 hours when tested in accordance with ASTM F 1869 Standard Test method for Measuring Vapor Emission Rate of Concrete Subfloor using Anhydrous Calcium Chloride. Or 80% when tested accordance with ASTM F 2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using *in situ* Probes. Surface pH of the concrete should range between 7 and 9. If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected
- Do not install on exterior surfaces subject to weather.
- Stir adhesive before use.
- Spread adhesive using the recommended trowel (See 2.1 for trowel size). Allow the adhesive to set for approximately 10 minutes. Then install the flooring into the adhesive film. Linoleum must be placed into wet adhesive.
- Achieve total coverage of adhesive to the back of the floor covering material.
- Roll the floor covering with a 100 lb. three-section roller first across the width of the material then the length to break down adhesive ridges and expel any entrapped air while the adhesive is still wet. Use hand roller in area not reached by 100 lb. floor roller.

3.2. Installation Manual: Refer to Johnsonite's Installation Instruction for complete installation details

4. AVAILABILITY and COST

Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

Limited 5 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

6. ADHESIVE CLEAN UP and MAINTENANCE

- Use a clean white cloth dampened with water to remove wet adhesive from flooring and tools.
- Dried adhesive may require the use of denatured alcohol applied to a clean white cloth. (Follow manufacturer's precautions when using denatured alcohol.)

6.1. Traffic:

- Restrict traffic for 24 hours after installation.
- No heavy traffic, rolling loads or furniture placement for 72 hours after installation.
- Wait 72 hours after installation before performing initial cleaning
- A regular maintenance program must be started after the

initial cleaning.

7. TECHNICAL SERVICES

For current Installation and Maintenance Instructions, Product Specifications, Material Safety Data Sheet and other technical data, visit us on the web at www.johnsonite.com or contact Johnsonite at (800) 899-8916.