

940 POLYURETHANE ADHESIVE

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1. Proprietary Product: #940 2 part Polyurethane Adhesive.

1.2. Manufacturer:

Johnsonite, Inc.,
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1.3. Proprietary Product Description

- 1.3.1. **Construction:** Johnsonite 940 Adhesive is a nonflammable, 2 component, solvent free, adhesive developed for installing Johnsonite's sheet floorings where –
- topical moisture may be a problem,
 - were flooring is exposed to temperature extremes, and
 - under heavy point loads.

It is extremely hard setting, moisture and alkali resistant, low odor, and zero T.V.O.C. To be use on Concrete (all grades), terrazzo, ceramic, marble, and suspended plywood subfloors.

1.3.2. Physical Characteristics:

- Base – 2 component polyurethane
- Color – Off-white
- Application: 1/32"x1/16"x1/32" trowel
 - Coverage – 180 sq. ft. per gallon.
- Open Time – Approximately 2 hours after Part A is in contact with Part B depending on temperature and relative humidity.
- Curing Time – Approximately 24 hours.
- 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.

2. INSTALLATION

2.1. General Installation Requirements:

- The installation of Johnsonite flooring material 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 uniform temperature of at least 70° F 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 must be maintained afterwards.
- 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.

- Do not install on exterior surfaces subject weather.

2.2. Application:

- **Mixing instructions:** Small container of Part B is packaged within pail of Part A. for best mixing results, allow both units to reach a temperature of between 70° F and 80° F. Pour all of the small container of Part B into the large pail of Part A and mix thoroughly with a low speed mixer (150 rpm) to achieve a homogeneous paste.
- Apply adhesive with the specified notched trowel in a thin, uniform and even coat. Allow the adhesive to set for a few moments. Then apply the floor covering material onto the adhesive film. Flooring material must be placed into wet adhesive.
- Achieve total coverage of adhesive to the back of the floor covering material.
- Roll installed tile 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.
- Avoid working on newly installed flooring whenever possible.

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

3. AVAILABILITY AND COST

- 3.1. Available through authorized Johnsonite distributors nationwide.

4. WARRANTY

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

5. MAINTENANCE and CLEAN UP

- 5.1. Before the adhesive sets, remove excess adhesive from flooring and clean tools with mineral spirits applied to clean white cloth. Dried adhesive is extremely difficult to remove. Observe cautions for using mineral spirits.
- 5.2. Light traffic may be allowed 24 hours after installation. Ready for heavy traffic and furniture movement in 72 hours.
- 5.3. Protect from heavy exposure to water and extreme temperature fluctuation for a least 7 days.

6. 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.