

940 Polyurethane Adhesive

1. PROPRIETARY PRODUCT/MANUFACTURER

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

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**

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
- Coverage – 180 sq. ft. per gallon.
- Shelf Life – 1 year at 65° F (18° C) to 85° F (30° C) and when stored in unopened, original container in a dry area.

2. INSTALLATION

2.1. **General Installation Requirements:**

Johnsonite flooring and adhesives must be site conditioned at room temperature for 48 hours prior to, during, and after installation. Room temperature must be maintained between 65° and 85°F (18° and 30°C) with HVAC system operating. A minimum temperature of 55°F (13°C) must be maintained afterwards. The ambient relative humidity should be between 40% and 60%.

All concrete subfloors must be tested for moisture and pH (alkalinity). Moisture testing must be conducted in accordance with ASTM F 2170 "Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using *in situ* Probes" or ASTM F 1869 "Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.

Results must not exceed 80% when testing to ASTM F 2170 or exceed 5 lbs. per 1,000 sq. ft. in 24 hours when testing to ASTM F 1869.

If the tests results exceed the limitations, the installation must not proceed until the problem has been corrected.

A pH test for alkalinity must be conducted. Results should range between 7 and 9. If the test results are not within the acceptable range of 7 to 9, the installation must not proceed

until the problem has been corrected.

- Do not install on exterior surfaces subject weather.

3. AVAILABILITY AND COST

For availability and cost contact authorized Johnsonite distributors nationwide.

4. LIMITED 5 YEAR WARRANTY

For complete details, contact Johnsonite or an authorized Johnsonite distributor.

5. Traffic:

- Light traffic may be allowed 24 hours after installation. Ready for heavy traffic and furniture movement in 72 hours.

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.