



## Technical Data Sheet

### Material Name: **M640**

Residential Pressure Sensitive Adhesive  
For the installation of all residential Mohawk LVT & LVP

#### Product Specifications

- Solvent Free, "Zero" calculated VOC, very low odor
- FloorScore® certified / meets requirements of CA Sec 01350 IAQ
- CRI GLP approved, SCAQMD rule 1168 compliant
- Environmentally conscious bio-degradable packaging
- Non-Staining formula
- MicroSept™ antimicrobial protection

Mohawk M640 PSA is a low odor acrylic adhesive with aggressive tack designed for the installation of residential Mohawk Luxury Vinyl Tile (LVT) and residential Mohawk Luxury Vinyl Plank (LVP). M640 PSA is non-staining and contains MicroSept™ Antimicrobial System Protection for enhanced resistance to mold and mildew. When used with Mohawk LVT & LVP, M640 PSA provides a tenacious, permanent bond. May be installed on concrete above, on or below grade in the absence of moisture and alkali, over steel, and APA approved plywood and underlayment-grade hardboard.

BEFORE USE, READ ALL INSTRUCTIONS OR CALL MOHAWK TECHNICAL SERVICES AT 1-888-387-9881 OPTION #3

#### Site Preparations

The floor must be sound, smooth, dry and clean. Mechanically remove any dirt, wax, loose paint, existing adhesives, and all foreign matter that would interfere with a good bond. Do not install LVP directly over cutback residue. If you encounter cutback residue, mechanically remove and apply a coat of Mohawk SurfaceSeal prior to installation of flooring. Do not use on chemically cleaned substrates, or over treated plywood substrates. If installation is over gypcrete it is advisable to apply a coat of Mohawk PrimeCoat and allow to dry prior to installation of flooring. Seal porous or dusty concrete surfaces with Mohawk PrimeCoat or Mohawk HydroSeal 95. The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65°–85° F and the humidity below 65% for 48 hours prior to, during, and after the testing and installation. Use M640 PSA for installations over concrete substrates with moisture emission of 7 lbs. per 1000 square feet in 24 hrs. when tested in accordance with the latest version of ASTM F 1869 and 90% RH when tested with the latest version of ASTM F 2170, and pH of 7.0–9.0 (If RH exceeds 90% use Mohawk HydroSeal 95 to lower readings). All substrate preparation and testing procedures must conform to appropriate ASTM F710 guidelines. Remove any loose tiles and fill with appropriate Portland cement floor fill. Roughen surface of tile. Fill grout joints to the level of the surface of the ceramic tile with appropriate Portland Cement floor fill carefully following the floor fill manufacturers instructions for mixing, priming and spreading material over ceramic tile. Instruction for painted concrete: Since it is difficult to determine the type of paint that might be on a substrate surface to receive floor covering, it is necessary to mechanically remove all paint and/or paint residue from the substrate prior to spreading adhesive and installing floor covering. Substrate Requirements

#### Installations

**Luxury Vinyl Plank and Luxury Vinyl Tile Trowel Sizes:** 1/16" x 1/32" x 1/32" U-Notch (220–260 square feet per gallon)

NOTE: This adhesive spread rate is appropriate over most smooth substrates to achieve adequate transfer; however, a larger trowel (up to 1/16" square notch) could be required over rough or porous substrates.



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#### Installations (Continued)

##### **Porous substrates:**

When installing LVT and LVP over a porous substrate, the adhesive should be allowed to dry to the touch sufficient to prevent slippage. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive. Roll the installation in both directions with a 75 lb. 3-section roller immediately after the installation is complete.

##### **Non-porous substrates:**

Install LVT and LVP into adhesive as it becomes dry to the touch with little or no transfer to finger when touched. This will normally require 30–60 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into wet adhesive on non-porous substrates. Roll the installation in both directions with a 75 lb. 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

#### Traffic

Follow Mohawk's installation guidelines; otherwise restrict foot traffic for 24 hours after installation. No heavy traffic, rolling loads or furniture placement for 72 hours after installation. Additional time may be necessary if the installation is over a non-porous substrate. Allow at least five days following the installation before conducting wet cleaning procedures or initial maintenance.

#### Clean Up

Use a clean wet cloth to clean up adhesive while still wet; dried adhesive may require the use of an appropriate solvent.

#### Shelf Life

2 years from manufacturing date in an unopened container

##### PRECAUTIONARY STATEMENTS:

In case of eye contact, flush with water for 10-15 minutes. If irritation persists contact a physician. If prolonged skin contact causes irritation, wash with soap and water. If swallowed, consult a physician. Safety glasses and gloves are recommended if contact is expected. Avoid release to the environment. Dispose of in accordance with local, regional, national, international regulations as specified. Avoid excessive heat or cold. Protect from freezing. Store indoors at a temperature of 65°-95°F.

Read SDS for detailed product information. SDS may be obtained by calling 888-387-9881.

DOT Hazard Class: Unregulated. 24-Hour Emergency in the USA: Chemtrec 1-800-424-9300 Revision Date 01.15.2016