PINNACLE® goes above and beyond expectations by withstanding severe moisture and alkalinity situations. Offering the upfront benefits of a PSA, it fully cross-links into a hard-set to securely lock your flooring in place. With its unrivaled fast-tack, Pinnacle® boasts immediate access to light traffic.

Shelf Life: 2 Years

AVAILABLE IN 1- AND 4-GALLON PAILS
Pinnacle® goes above and beyond expectations by withstanding severe moisture and alkalinity situations. Offering the upfront benefits of a PSA, it fully crosslinks into a hard-set to securely lock your flooring in place. With its unrivaled fast-tack, Pinnacle® boasts immediate access to light traffic.

- APA underlayment grade plywood and OSB
- Association grade particleboard
- Cement backer board
- Concrete and radiant heated subfloors that do not exceed 85°F (30°C)
- Existing well-bonded non-cushion-backed vinyl, tile and sheet flooring
- Fully secured cork underlayments
- Gypsum and lightweight concrete (primed with Taylor 2025 Universal Primer or Enhance®)
- Terrazzo (properly prepared with all waxes and surface finishes removed)

**RH** - 99% [ASTM F2170]
**pH** - 5-12
**MVER** - 12 lbs [ASTM F1869]

Follow flooring manufacturer’s guidelines for allowable levels of moisture. Substrate must be prepared per ASTM F710-05 standards including, but not limited to the following:

- Concrete floors must be dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent adhesive bond, including dust, dirt, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, incompatible sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, hardening or parting compounds.
- Fill all surface cracks, grooves, depressions, control joints and non-moving joints with moisture-resistant patching and self-leveling compounds, allow to fully cure and correct high spots before applying adhesive.
- The substrate, adhesive and flooring must be acclimated in an enclosed building with the HVAC operational between 60-95°F (15-35°C), and between 30-65% relative humidity, for at least 72 hours before, during and after the installation.
- When installing over radiant heated subfloors, turn the heat off for 24 hours before, during and after installation. Failure to turn the heat off may result in shortened working time of the adhesive. When turning radiant heat back on, raise it incrementally, not to exceed a change of more than 5 degrees per hour to a maximum of 85°.

**PRECAUTIONARY NOTES:**

- Concrete must be placed in strict accordance with applicable standards and specifications. An intact moisture vapor retarder must be present below the concrete (see ASTM E1745), must be fully cured (at least 45 days) and without hydrostatic pressure.
- Although Pinnacle® is a high-moisture tolerant adhesive, it does not form a moisture vapor barrier and will not protect flooring from moisture damage.
- Flooring must be acclimated per manufacturer’s guidelines.
APPLICATION INSTRUCTIONS

Follow flooring manufacturer’s guidelines for layout, design and any special precautions for installation.

1. Spread adhesive using required tools (see tool chart below).
2. Install flooring per the instructions below dependent upon desired application method.
   • PSA (porous and non-porous substrates)
     • Wait 30-60 minutes after adhesive is spread to allow it to dry.
     • Working time is approximately 3 hours under acceptable temperature and humidity conditions.
   • Semi-wet set (porous substrates only)
     • Wait 20-30 minutes after adhesive is spread to allow it to skin over.
     • Working time is approximately 20-30 minutes under acceptable temperature and humidity conditions.
     • For sheet vinyl, back-roll the adhesive with an adhesive saturated roller to smooth out the trowel ridges.

3. Roll and cross roll floor with a 75-100 lbs (34-45 kg) roller at the end of the installation to ensure proper transfer of adhesive.
   • For sheet goods, roll from the center toward the perimeter to expel trapped air.
   • Check flooring after 2 hours and roll again if necessary.

PRECAUTIONARY NOTES:
• Do not wet mop the floor for 72 hours after the install is complete.
• Do not strip and finish the floor for 72 hours after the install is complete.
• Reseal lid when not in use to protect product.

REQUIRED TOOLS AND COVERAGE

*Trowel dimensions are width X depth X spacing. Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held.

<table>
<thead>
<tr>
<th>Flooring Type</th>
<th>Tool* (images not to scale)</th>
<th>Estimated Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>LVT/LVP (porous), Rubber (tile and sheet), WPC/WSC, Cork-backed hard surface, Cork underlayment, Stair treads (rubber and vinyl)</td>
<td>1/16” x 1/16” x 1/16” (1.6mm x 1.6mm x 1.6mm) Sq Notch</td>
<td>150-180 sf/gal</td>
</tr>
<tr>
<td>Sheet goods (vinyl, homogeneous, heterogeneous, felt-backed), LVT/LVP (non-porous), VCT/VET</td>
<td>1/16” x 1/32” x 1/32” (1.6mm x .8mm x .8mm) U Notch</td>
<td>220-260 sf/gal</td>
</tr>
<tr>
<td>Fiberglass-backed sheet goods</td>
<td>3/8” (10mm) Short nap paint roller</td>
<td>Up to 350 sf/gal</td>
</tr>
</tbody>
</table>

CLEANING INSTRUCTIONS

While product is still wet: use a damp cloth and water to remove.
While product is still soft: use Taylor Touchdown #9 adhesive remover/stripper, denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring.

See next page for Product Characteristics
### PINNACLE® (2091)

#### TECHNICAL DATA SHEET

**PRODUCT CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Product Classification</th>
<th>Transitional Pressure Sensitive Adhesive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Chemistry</td>
<td>Hybrid acrylic</td>
</tr>
<tr>
<td>Curing Method</td>
<td>Proprietary cross-linking</td>
</tr>
<tr>
<td>Appearance</td>
<td>Light to dark tan as adhesive dries</td>
</tr>
<tr>
<td>Consistency</td>
<td>Smooth, medium viscosity liquid</td>
</tr>
<tr>
<td>Application</td>
<td>Easy troweling</td>
</tr>
<tr>
<td>Flammability</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>Freeze/Thaw</td>
<td>Stable to 10°F (-12°C)</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>2 years</td>
</tr>
</tbody>
</table>

#### MOISTURE

<table>
<thead>
<tr>
<th>Moisture Control</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>RH</td>
<td>99%</td>
</tr>
<tr>
<td>pH</td>
<td>5-12</td>
</tr>
<tr>
<td>MVER</td>
<td>12 lbs</td>
</tr>
</tbody>
</table>

#### TIME

<table>
<thead>
<tr>
<th>Open Time</th>
<th>20-30 min (Semi-wet-set)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry Time</td>
<td>30-60 min (PSA)</td>
</tr>
<tr>
<td>Working Time</td>
<td>3 hrs (PSA), 20-30 min (Semi-wet-set)</td>
</tr>
<tr>
<td>Cure Time</td>
<td>12 hours</td>
</tr>
<tr>
<td>Pot Life</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### TRAFFIC

<table>
<thead>
<tr>
<th>Light Traffic</th>
<th>0 min (PSA), 12 hrs (Semi-wet-set)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy Traffic</td>
<td>24 hrs</td>
</tr>
<tr>
<td>Heavy Rolling Loads</td>
<td>48 hrs</td>
</tr>
</tbody>
</table>

#### SUSTAINABILITY

<table>
<thead>
<tr>
<th>Solvents</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isocyanates</td>
<td>None</td>
</tr>
<tr>
<td>VOC (g/L) - SCAQMD Rule#1168</td>
<td>21</td>
</tr>
<tr>
<td>LEED Points</td>
<td>Contributes to low emitting materials</td>
</tr>
<tr>
<td>Certifications</td>
<td>Greenguard, FloorScore, CRI Green Label Plus</td>
</tr>
</tbody>
</table>

#### ACOUSTICS

<table>
<thead>
<tr>
<th>IIC (Delta)</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>STC (Delta)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### STORAGE

This product should be stored at temperatures between 50-90°F (15-32°C). While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze/thaw stable to 10°F (-12°C).

#### CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

#### WARRANTY INFORMATION

For warranty information, call Technical Services at (800) 868-4583, Ext: 2221, visit us on the web at www.wftaylor.com or e-mail us at tech@wftaylor.com. Flooring manufacturer’s and Taylor’s written pre-installation and installation instructions must be strictly followed or the Taylor warranty will be void.
1. IDENTIFICATION
PINNACLE Premium Transitional Pressure Sensitive Adhesive for LVP/LVT
Recommended use of the chemical and restriction on use: interior installation of flooring material over approved subfloors -luxury vinyl tile and plank, solid vinyl tile and plank, vinyl composition tile, homogeneous vinyl sheet goods, and rubber tile and sheet goods over both porous and non-porous substrates.

Company: W.F. Taylor LLC 800 College Drive, Dalton, GA 30720, USA, (800) 868-4583
Emergency Telephone Number: (800) 535-5053
Other Means of Identification
Chemical Family: Amide-Ester-Acrylate blend

2. HAZARDS IDENTIFICATION
Classification of the Product
No need for classification according to GHS criteria for this product.
Label Elements
This product does not require a hazard warning label in accordance with GHS criteria.
Hazards Not Otherwise Classified
None known if used according to instructions. Irritation may occur when in contact with eyes and skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS
This product does not contain any components classified as hazardous under the referenced regulation.

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Content</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret</td>
<td>10 - 20</td>
<td>Tackifier resin</td>
</tr>
<tr>
<td>Trade Secret</td>
<td>40 - 50</td>
<td>Acrylic latex</td>
</tr>
<tr>
<td>7732-18-5</td>
<td>10 - 20</td>
<td>Water</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
General Advice: Upon contact, remove material from skin, eyes and clothing. If irritation persists, seek medical attention.
If Inhaled: Remove individual to fresh air if needed.
If on Skin: Wash with mild soap and water.
If in Eyes: Open eyelids and flush with running water for at least 15 minutes.
If Swallowed: Do not induce vomiting. Seek medical help immediately.
Most Important Symptoms and Effects, Both Acute and Delayed: None expected due to non-classification of the product.
Indication of Any Immediate Medical Attention and Special Treatment Needed: Note to physician - Symptomatic Treatment

5. FIRE-FIGHTING MEASURES
Extinguishing Media
None needed in wet state. Product is water based. Dry material will burn. Use water spray, foam, dry powder when needed.
Special Hazards Arising from the Substance or Mixture
Material is a mixture of organic compounds. Compounds of carbon may arise during burning.
Advice for fire-fighters: Wear self-contained breathing apparatus and turn out gear.
Further Information
Dispose debris and contaminated clothing in accordance with regulations.

6. ACCIDENTAL RELEASE MEASURES
Further Accidental Release Measures: Slip hazard when spilled.
Personal Precautions Protective Equipment and Emergency Procedures: Use personal protective clothing. Avoid contact with skin and eyes.
Environmental Precautions: Do not release spilled material into natural waters.
Methods and Material for Containment and Cleaning Up:
Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations. Spills should be contained, solidified, and placed in suitable containers for disposal.

7. HANDLING AND STORAGE
Precautions for Safe Handling
Do not puncture. Keep out of the reach of children.
Conditions for Safe Storage, Including any Incompatibilities
Keep from freezing. Avoid extreme temperatures.
8. PHYSICAL AND CHEMICAL PROPERTIES
Form: Medium viscosity liquid
Odor: Mild
Odor Threshold: No data
Color: Off white to cream
pH Value: 9.0 - 9.5
Melting Point: Not applicable
Boiling Point: Similar to water
Flash Point: Non flammable
Lower Explosion Limit: Low
Upper Explosion Limit: Low
Vapor Pressure: Low
Density: 7.75 - 8.25 lbs. per gallon
Relative Density: 0.93 - 0.99 grams/cm³
Vapor Density: Low
Partition Coefficient n-octanol/water (log Pow): No data
Self-Ignition Temperature: Not Applicable
Solubility in Water: Limited
Miscibility in Water: Miscible
Evaporation Rate: Same as water
10. STABILITY AND REACTIVITY
Reactivity: Stable
Chemical Stability: Stable
Possibility of Hazardous Reactions: None, product is stable
Conditions to avoid: Extreme temperatures
Incompatible Materials: None known
Hazardous Decomposition Products: None known
11. TOXICOLOGICAL INFORMATION
No Data Available
Primary routes of exposure: Respiratory, eyes, skin. Ingestion is not likely but might cause gastric disturbances.
Acute Toxicity/Effects
Acute toxicity: May cause irritation upon contact.
Chronic Toxicity Effects
Repeated Dose Toxicity: No data available
Genetic Toxicity: No data available
Carcinogenicity: Not carcinogenic
Reproductive Toxicity: No data available
Teratogenicity: No data available
Experiences in Humans: No data available
Other Information:
12. ECOLOGICAL INFORMATION
No data available
13. DISPOSAL CONSIDERATIONS
Abide by all state, federal and local regulations
14. TRANSPORTATION INFORMATION
Proper Shipping Name: Not applicable
Proper Hazard Class: Not hazardous
Hazard Code: None hazardous
Bill of Lading Description: Adhesives, NOI
15. REGULATORY INFORMATION
Federal Regulations:
Registration Status:
TSCA: Chemicals contained in the product are either listed or exempt in the U.S. EPA TSCA inventory list.
SARA Title III, Section 312 Hazard Class: None
EPA SARA Title III Section 312: None
NFPA Hazard Codes:
Health: 1  Fire: 0  Reactivity: 0  Special:
HMIS rating:
Health: 1  Flammability: 0  Physical Hazard: 0
16. OTHER INFORMATION
SDS prepared by: W.F. Taylor, LLC SDS Group
SDS prepared on: April 6, 2017
W.F. Taylor, LLC (Taylor) believes the data set forth herein is accurate as of the date hereof. Taylor makes no warranty with respect hereto and expressly disclaims all liability of reliance thereon. All data is offered solely for consideration, investigation, and verification.