



## Advanced Adhesive Technologies, Inc. AAT-185 Tongue & Groove Adhesive Specification Sheet

### I. Description:

AAT-185 is a high-strength adhesive formulated for professional installation of floating wood floors. This solvent free adhesive is non-toxic, nonflammable, and environmentally compatible. AAT-185 is fast drying and forms a strong rigid bond when fully cured. The fully cured adhesive passes type II waster resistance. This adhesive can be used over radiant heat systems. The product is freeze-thaw stable to 15°F.

### II. Specific Technical Data:

- A. Latex blend
- B. Color – white
- C. Approximate Coverage: 50-100 sq. ft./16 oz. bottle or 175 linear feet per 16 oz. bottle
- D. High strength, water resistant
- E. Solvent free, low odor (odorless when dry), Non-flammable liquid
- F. Shelf life: one year from date of manufacture in an unopened container

### III. Directions:

1. Follow all flooring manufacturer's specific instructions for applying tongue and groove adhesive. Bead size and application rate vary among manufacturers.
2. Assemble the floor by inserting the tongue joint into the grooved channel. A tapping block may be needed to set the planks firmly.
3. Excess glue should be removed from the floor while adhesive is wet. Use a clean, damp cloth to wipe away wet adhesive. Dried adhesive will be extremely difficult to remove.
4. DO NOT install flooring below 50°F. Should the adhesive be exposed to freezing temperatures, allow adhesive to thaw at room temperatures. DO NOT STIR OR SHAKE until the adhesive is fully thawed.

- IV. Available in quarts, pints, and gallons.



# MATERIAL SAFETY DATA SHEET

## NPCA HMIS

H = 1  
F = 0  
PH = 1

Prepared by: **Tim Brown**  
Date: **April 22, 2008 (Replaces 07/15/98)**

## SECTION I

**Manufactured by:** Advanced Adhesive Technologies, Inc.  
**Street Address:** 419 South Glenwood Avenue, Dalton, GA 30721  
**Emergency Telephone No.:** Chemtrec (800)424-9300 24hrs. Or (706)226-0610 8a.m.-5p.m. ET  
**Product Class:** Latex Emulsion  
**Manufacturer's Code Identification:** AAT-185  
**Trade Name:** Tongue & Groove Adhesive

## SECTION II — HAZARDOUS INGREDIENTS

None

## SECTION III — PHYSICAL DATA

**Boiling Range:** Greater than 212° F  
**Vapor Density:** Lighter than Air  
**Evaporation Rate:** Slower than Ether  
**Percent Volatile by Weight:** 53.0%  
**VOC Emission:** 0 g/l (calculated per SCAQMD Rule 1168)

## SECTION IV — PHYSICAL DATA

**DOT Category:** Nonflammable  
**Flash Point:** N/A  
**LEL:** Not Known  
**Extinguishing Media:** Does not ignite unless water is removed, then dry chemical  
**Unusual Fire and Fighting Hazards:** None  
**Special Fire Fighting Procedures:** None

## SECTION V — HEALTH HAZARD DATA

**Threshold Limit Value:** Non-established  
**Effects of overexposure:** Mild skin irritant to some people  
**Emergency and First Aid Procedures:** Flush eyes with ample water and apply a neutralizer for alkaline substances. Wash skin with water.

## SECTION VI — REACTIVITY DATA

**Stability:** Stable  
**Incompatibility:** (Materials to avoid)  
**Conditions to avoid:** Temperatures below 40°F  
**Hazardous Decomposition Products:** None  
**Hazardous Polymerization:** Will not occur

## SECTION VII — SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled:** Scoop up excess with shovel, wash remainder with water.  
**Waste Disposal Method:** Landfill or incinerate as per local and state regulations.

## SECTION VIII — SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** None required with adequate ventilation.  
**Ventilation:** Open windows, exhaust fan, open air area  
**Protective Gloves:** May be desirable for people with sensitive skin.  
**Eye Protection:** Safety glasses or goggles.  
**Other Protective Equipment:** None required

## SECTION IX — SPECIAL PRECAUTIONS

**Precautions to be taken in handling and storing:** Store in a cool, dry place. Optimum storage temperature 70°F. Shelf Life – One year from date of manufacture in an unopened container.  
**Other precautions:** Keep from freezing. If frozen, allow adhesive to thaw at room temperature. DO NOT agitate or stir until adhesive is completely thawed. Keep sealed when not in use.