

# MATERIAL SAFETY DATA SHEET

MAY 23 1994

No. 137  
6/1/88*DISCONTINUED*

The W.W. Henry Company  
5608 Soto Street  
Huntington Park, CA 90255  
Emergency Telephone (213) 583-4961

For Chemical Emergency  
Spill, Leak, Fire, Explosion or Accident  
Call Chemtrec - Day or Night  
1-800-424-9300

**HEALTH: 2**  
**FLAMMABILITY: 3**  
**REACTIVITY: 0**  
**PERS. PROT. EQUIP: B**

## I — PRODUCT IDENTIFICATION

NUMBER: 137 NAME: Henry Acoustical Tile Adhesive. CLASS: Heavy Paste Adhesive.

## II — HAZARDOUS INGREDIENTS

INGREDIENT:	PERCENT:	OCCUP. EXPOS. LMT.		VAP. PRESS.
		TLV:	PEL:	
Denatured Ethanol CAS #64-17-5	2-3%	1000 ppm	1000 ppm	40 mm @ 66°F
Toluene CAS #108-88-3	2-3%	100 ppm	100 ppm	37 mm @ 86°F
Isopropyl Alcohol CAS #67-63-0	5-10%	400 ppm	400 ppm	32 mm @ 68°F

## III — PHYSICAL DATA

BOILING RANGE: 150-250°F. VAPOR DENSITY: Heavier than air. EVAPORATION RATE: Slower than ether. % VOLATILE VOLUME: 15-20%. % WATER VOLUME: 0.6%. WT/GAL: 11 lbs. VOC: 136 g/l-137 g/l. Non-Photochemically Reactive.

## IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: — OSHA: 1 B. DOT: 0. FLASH POINT: 52°F. LEL: 1.0%. EXTINGUISHING MEDIA: FOAM: X. CO<sub>2</sub>: X. DRY CHEMICAL: X. WATER FOG: X. UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are flammable if allowed to collect and concentrate. Closed containers may develop excessive pressure and erupt when exposed to extreme heat. SPECIAL FIREFIGHTING PROCEDURES: None known.

## V — HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Headaches, dizziness, eye, nose, throat and lung distress from vapors. Inhalation of high concentrations may asphyxiate. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. No long term laboratory tests to determine chronic effects. Skin irritation and dermatitis may develop from prolonged contact with skin. PRIMARY ROUTES OF ENTRY: Inhalation, ingestion and direct dermal exposure. MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Current anemia, respiratory tract or liver ailments, and skin conditions. EMERGENCY FIRST AID PROCEDURES: Move person to fresh air and apply artificial respiration if needed. Call physician immediately. In case of eye contact, flush eyes with plenty of water for fifteen (15) minutes. Wash skin thoroughly with soap and water or hand cleaner.

## VI — REACTIVITY DATA

STABILITY: Stable. HAZARDOUS POLYMERIZATION: Will not occur. HAZARDOUS DECOMPOSITION PRODUCTS: None known. CONDITIONS TO AVOID: Heat, sparks, open flame, and all other sources of ignition. INCOMPATIBILITY (MATERIALS TO AVOID): None known.

## VII — SPILL OR LEAK PROCEDURES

SPILLS: Remove or extinguish all sources of ignition in the area, including equipment which may spark. Scoop material into approved DOT container. Remove to safe place where material can dry. WASTE DISPOSAL METHOD: Dispose of in accordance with local disposal regulations. Do not flush adhesive down drains.

## VIII — SAFE HANDLING AND USE INFORMATION

VENTILATION: Flammable vapors may ignite. Adequate ventilation is essential to prevent buildup of vapors to LEL, or a flammable concentration. Open all windows and doors and utilize other fire-safe means to assure fresh air entry and exhaust during use and until all vapors are gone. A solvent and resin odor may be noted until adhesive dries. Avoid skin and eye contact. FIRE PREVENTION: Keep away from heat, sparks, open flame, and all other sources of ignition during use and until vapors are gone. Do not smoke. RESPIRATORY PROTECTION: Proper ventilation normally sufficient. If eye watering, headaches or dizziness are experienced, increase fresh air supply, wear NIOSH approved respiratory equipment, or leave the area. PROTECTIVE GLOVES: To prevent skin contact. EYE PROTECTION: Glasses to avoid splashes. OTHER PROTECTIVE EQUIPMENT: None required. HYGIENIC PRACTICES: Wash skin thoroughly with soap and water or hand cleaner.

## IX — SPECIAL PRECAUTIONS

HANDLING AND STORING: Keep away from heat, sparks, flames, and all sources of ignition. OTHER PRECAUTIONS: Keep out of reach of children. Use only as directed on label. Close container after each use. Do not re-use container. Avoid skin and eye contact.

## X — TRANSPORTATION DATA

D.O.T.: Unregulated. Not a liquid. Not considered a flammable solid under DOT regulations. SHIPPING NAME: Adhesive.

## 137 ACOUSTI-GUM® ACOUSTICAL TILE ADHESIVE

1. **DESCRIPTION:** Henry 137 Acoustical Tile Adhesive is a tough, rosin-based adhesive, designed for the installation of acoustical tile to ceiling and wall surfaces. Heavy-bodied, easy handling "Acousti-Gum®" provides excellent adhesion. It bonds acoustical tile to clean, dry, structurally sound surfaces, including drywall, plaster, and concrete. Henry 137 meets or exceeds requirements of U.B.C. and State of California testing program, and ASTM D1779-65 (70).

2. **SPECIFICATIONS:** Henry 137 Acoustical Tile Adhesive is recommended for the following interior installations:

A. **MATERIALS:** Acoustical Tile.

B. **SUBSURFACES:** Henry 137 will bond to clean, dry, structurally sound interior wall and ceiling surfaces, including: Dry concrete • Concrete block—free of moisture • Gypsum drywall • Plaster—dry areas only • Brick • Well-bonded paints on approved subsurfaces. **Not recommended over metal ceilings, wood, uninsulated roof decks, or wallpaper.**

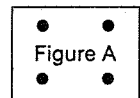
**This adhesive is manufactured for specific installations. For any application not herein recommended, either subsurface or material to be installed, contact The W.W. Henry Co. before using.**

3. **TECHNICAL DATA:** Base: Rosin • Color: Light Brown • Flammable • Not Affected By Freezing • Consistency: Heavy paste • Typical Solids: 88% min. • Typical Wt. Per Gal.: 11 lb. • Heat Resistance: 300°F for 25 minutes • Open Time: Apply tiles immediately • Clean-up: Remove wet adhesive with a cloth dampened with mineral spirits, carefully following warnings on solvent container. • Sizes: Quart, Gallon, 5 Gallon • Coverage: One gallon bonds approximately 60 square feet.

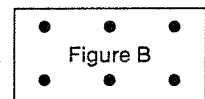


4. **DIRECTIONS FOR USE:** Surfaces must be sound, true, clean, smooth and dry; free of dirt, grease, loose paint or any foreign matter that would interfere with a good bond. For optimum performance, the area to be installed, adhesive and acoustical tile should be conditioned at 65°F or over for 24 hours before and after installation. Level any high spots, and fill all cracks, holes, and minor depressions with a suitable patching compound. Be sure concrete ceilings are well cured and completely dry. Seal porous or dusty surfaces with a suitable primer and allow to dry thoroughly. Note: This product is not compatible with certain asbestos encapsulators. **To assure a good bond, tiles with dusty backs must be primed with this adhesive in areas to receive daubs.** Ceiling temperatures can be between 40°F and 110°F.

**APPLICATION:** On 12" x 12" tile, use a trowel or putty knife to apply four daubs of adhesive, each about the size of a large walnut, about 2" in from the corners on the back of the tile. (See Figure A.) Hold tile in both hands so pressure will be evenly applied, and place tile against surface. Tile should be pressed into place immediately, with a "vibrating" back and forth motion, exerting uniform pressure on each daub. When tile is in position, daubs should be 3/4" to 3" across and 1/8" to 3/16" thick. Do not level tiles by pulling down on corners. If tiles are not level or in line, remove and respot with adhesive. Do not crowd tile.



On 12" x 24" tile, apply six daubs of adhesive, following instructions above. (See Figure B for location of daubs.) We do not recommend installing tiles larger than 12" x 24" with adhesive.



Note: When applying T&G tile take special care to avoid disturbing daubs of adhesive on tiles already installed. Place T&G tiles in approximate position, and slide back and forth slightly with uniform pressure of the hands to obtain good adhesive contact. When joints are at same level, slide tile into position, tongues engaging grooves. Do not put tongue in groove first, then push up opposite side of new tile, as this will release adhesive on tiles already in place.

**PRECAUTIONS:** Do not bend tile during installation. The "spring load" will cause the adhesive to release. • Avoid working with warped tile, as the same problem will occur. • On surfaces that were previously tiled, do not place new adhesive on top of old adhesive. • Painted or sealed surfaces may not be secure. Install a small test area of tile, and observe after 12 hours. Loose or soft paint must be removed prior to installation. • Apply the amount of adhesive recommended. Too much or too little will interfere with adhesive performance. Use just the daubs shown, only in the positions indicated above. • **Do not apply adhesive in the center of tiles.**

5. **SAFETY: WARNING! FLAMMABLE VAPORS.** Contains Isopropyl Alcohol, Toluene, and Denatured Ethanol. Refer to Material Safety Data Sheet on opposite side of this page. Carefully read and follow all warnings and directions on container label and MSDS.

6. **RECOMMENDED ARCHITECTURAL SPECIFICATIONS:** "The acoustical tile adhesive as herein specified shall be Henry 137 "Acousti-Gum®" Acoustical Tile Adhesive as manufactured by The W.W. Henry Company of Huntington Park, California."

### THE W.W. HENRY COMPANY:

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FAX (213) 582-8451

### PLANT LOCATIONS:

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210 W. Taft Ave., Orange, CA 92667 (714) 282-1240 • FAX (714) 974-6133  
3233 W. 36th St., Chicago, IL 60632 (312) 254-3510 • TOLL FREE (800) 621-8153 • FAX (312) 254-7624  
520 W. 3rd St., Dover, OH 44622 (216) 343-4535 • FAX (216) 343-6387  
Foot of Whitehead Ave., South River, NJ 08882 (201) 254-2424 • TOLL FREE (800) 637-2900 • FAX (201) 254-8683  
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