

HENRY Product Specifications & Material Safety Data Sheet

09990
The W.W. Henry Co.
No. 356 3/88

356

MULTI-PURPOSE WHITE LATEX ADHESIVE

1. DESCRIPTION: Henry 356® is the most popular floor covering adhesive in the country. A white latex-based adhesive, it is water-resistant and non-flammable. 356 is specially formulated to provide an extremely tough, alkali-resistant bond with a wide variety of floor coverings; sheet goods, resilient tile, and carpets. It has excellent open time, sticky grab to hold down stubborn spots, and extraordinary ultimate strength. 356 is the most versatile, trouble-free flooring adhesive made.

2. SPECIFICATIONS: 356 Multi-Purpose Adhesive is recommended for the following installations:

A. FLOOR COVERINGS:

1. Tile: Vinyl composition • Rubber—up to 12" x 12" • Cork • Asphalt.
2. Sheet Goods: Mineral felt-backed • Linoleum • Cork,
3. Carpet: Rubber-backed • jute-backed • Polypropylene-backed • Latex unitary • Needle-punched-indoor/Outdoor—non-backed • Woven carpets • Hot melt backings.

Do not use for rubber tiles larger than 12" x 12", or for studded rubber tiles or modules. Not recommended for vinyl-backed carpets or sheet goods, or for urethane-backed carpets.

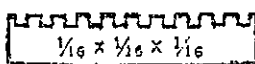
B. SUBFLOOR SURFACES: Concrete—Above, on or below-grade; indoors or outdoors in the absence of excessive moisture and alkali • Plywood—APA Standard Underlayment • Particleboard—Association Grade ONLY • Lining felt • Asphalt paving • Terrazzo • Hardwood floors • Latex Portland Cement Underlayment • Gypsum Cement Underlayment—must be primed with Henry 336 Latex Liquid Additive • Existing well-bonded resilient floor coverings—when installing non-porous material over a non-porous surface, let adhesive get somewhat "sticky" before laying to help assure a good bond, or install a layer of lining felt. Avoid installations over existing floors that have a soft cushion back. Embossed floors may be covered if first prepared with Henry 265 Floor Embossing Leveler. Never sand existing resilient floors; they may contain asbestos.

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.

Note: Outdoor drying conditions are extremely variable. Precautions should therefore be taken to assure complete drying of the adhesive before it is exposed to water.

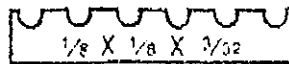
3. TECHNICAL DATA: Base: Latex • Color: White • Non-flammable in wet state • Fire Ratings: When dry, this adhesive qualifies for NFPA-Class A and UBC-Class 1 fire ratings as determined by the ASTM E-84 tunnel test • Clean-up: Remove wet adhesive with a cloth dampened in plain water. If adhesive is dry, use mineral spirits, carefully following warnings on solvent container • Sizes: Quart, Gallon, 3½ Gallon, 5 Gallon • Weight per gallon: 11 lb. • Freeze-Thaw Stable to 10°F. While this adhesive is freeze-thaw stable, it is still necessary to protect from freezing. Avoid excessively low temperatures or multiple freeze-thaw cycles. Condition the area to be installed, adhesive and floor covering at 65°F or over for 24 hours before and after installation • Trowel Recommendations & Approx. Coverage—actual size notch:

Sheet goods & resilient tiles



150 sq. ft./gal.

Most carpets



125 sq. ft./gal.

Rough-back carpets



120 sq. ft./gal.

Note: Some carpets have deeply textured backs—waffled, ribbed, etc. Be sure to use a trowel with notches deep enough to establish good adhesive contact with the recessed part of the carpet backing.

4. SAFETY: Refer to Material Safety Data Sheet on opposite side of this page. Carefully read and follow all cautions and directions on container label.

5. RECOMMENDED ARCHITECTURAL SPECIFICATIONS: "The floor covering adhesive as herein specified shall be Henry 356 Multi-Purpose White Latex Adhesive as manufactured by The W.W. Henry Company of Huntington Park,

MATERIAL SAFETY DATA SHEET

No. 3
2/1/

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

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0
PERS. PROT. EQUIP: B

I - PRODUCT IDENTIFICATION

NUMBER: 356 NAME: Henry Multi-Purpose Floor Covering Adhesive. CLASS: Water Emulsion Latex Adhesive.

CARPET "MASTIC"

II - HAZARDOUS INGREDIENTS

INGREDIENT:	PERCENT:	OCCUP. EXPOS. LMT. TLV: PEL:	VAP. PRESS.
Petroleum Distillate CAS #8030-30-6	6-9%	300 ppm 300 ppm	15 mm @ 60°F

III - PHYSICAL DATA

BOILING RANGE: 212-250°F. VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Slower than ether. % VOLATILE VOLUME: 45-55%.
% WATER VOLUME: 40-50%. WT/GAL: 9 lbs. VOC: 78 g/l. 153 g/l. Non-Photochemically Reactive.

IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: — OSHA: 111 B. DOT: 0. FLASH POINT: Above 200°F. LEL: None. EXTINGUISHING MEDIA: n/a. Non-flammable water emulsion. FOAM: n/a. CO₂: n/a. DRY CHEMICAL: n/a. WATER FOG: n/a. UNUSUAL FIRE AND EXPLOSION HAZARDS: none. SPECIAL FIREFIGHTING PROCEDURES: n/a.

V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: None known. PRIMARY ROUTES OF ENTRY: Inhalation and Ingestion. MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known. EMERGENCY FIRST AID PROCEDURES: In case of eye contact, flush eyes with water for fifteen (15) minutes.

VI - REACTIVITY DATA

STABILITY: Stable. HAZARD POLYMERIZATION: Will not occur. HAZARDOUS DECOMPOSITION PRODUCTS: None known. CONDITIONS TO AVOID: None known. INCOMPATIBILITY (MATERIALS TO AVOID): None known.

VII - SPILL OR LEAK PROCEDURES

SPILLS: Scoop material into DOT approved 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 drain.

VIII - SAFE HANDLING AND USE INFORMATION

VENTILATION: Use with adequate ventilation. Open doors and windows, and utilize other means to assure fresh air entry and exhaust. A slight odor of ammonia and latex may be present until adhesive dries. PROTECTIVE

IX - SPECIAL PRECAUTIONS

HANDLING AND STORING: Avoid extreme heat or cold. 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. SHIPPING NAME: Adhesive.