



EW LVT Underlayment Adhesive System

The EarthWerks High Performance LVT Adhesive System couples the unmatched performance of The EarthWerks LVT Underlayment with the technology of The EarthWerks High Performance Adhesive System. This two part system contains both The EarthWerks Underlayment to subfloor Adhesive, as well as The EarthWerks LVT to Underlayment Adhesive in a complete and warranted system for double glue applications. This system has undergone extensive laboratory and field-testing and is guaranteed to perform in commercial and residential applications.

- **Contains no carcinogens** • **Contains no solvents** • **Non-toxic** • **Zero VOC** • **Non-flammable**

EW LVT Underlayment to subfloor Adhesive (EW1-U2S) is an outstanding breakthrough in adhesive technology. A solvent-free, latex resin emulsion, which allows the contractor to install the non-porous underlayment to subfloor within 20-30 minutes after spreading the EW LVT Underlayment Adhesive. This will increase productivity without compromising the integrity of the installation. The ultra-fast flash time secures the Underlayment in place while the installer lays the flooring.

TROWEL RECOMMENDATIONS - Underlayment to Subfloor

Recommended trowel for installing the EW LVT Underlayment to approved sub-floors and the approximate coverage: 1/16" x 1/16" x 1/16" square notch (4 gallon pail 125-150 sq. ft. /gal.)

EW LVT to Underlayment Adhesive (EW1-F2U) is moisture and alkali resistant and forms a tenacious, permanent bond between LVT and Underlayment. This premium adhesive has excellent plasticizer migration resistance. EW LVT to Underlayment Adhesive is also freeze/thaw stable. Like all of our adhesives, EW LVT to Underlayment Adhesive is protected by the specifically formulated broad spectrum, anti-microbial agent that protects our adhesives and sealers from microorganisms, such as mold or mildew, in both the wet and dry states.

TROWEL RECOMMENDATIONS- LVT to Underlayment

Recommended trowel for installing EarthWerks LVT over the EW LVT Underlayment and the approximate coverage: 1/16" x 1/16" x 1/16" V notch trowel (4 gallon pail 180-200 sq ft/gal.)

For more information about EW LVT Underlayment Adhesive System or any of our other flooring underlayment products, please contact us 1-800-275-7943 or at www.earthwerks.com.

Material Safety Data Sheet

EW1-U2S ADHESIVE

EarthWerks Underlayment to Subfloor Adhesive

MATERIAL SAFETY AND DATA SHEET FOR COATINGS, RESINS, AND RELATED MATERIALS APPROVED BY THE U.S. DEPT OF LABOR.

Ingredients:	CAS NO:
Water	7732-18-5
Extending Oil (emulsified)	64742-53-5
Inert Filler	1332-58-7
Hydrocarbon Resin	64742-16-1
SBR Polymer	9003-55-8

Compound non-hazardous per OSHA 29CFR 1910. 1200
Non-carcinogenic Adhesive Volatile Organic Compounds (VOC)
0 g/f (Calculated per SQAQMD Rule 1168)

Physical Data:

BOILING RANGE >212°F
FLASH POINT: N/A
VAPOR DENSITY: Lighter than air
EVAPORATION RATE: Slower than Ether
PERCENT VOLITILE BY WEIGHT: 27 ± 2%
FREEZE/THAW STABILITY: 15-20°F

Fire & Explosion Data:

DOT Category: Non-flammable
LEL: Not known
EXTINGUISHING MEDIA: Water mist, dry chemical, CO₂, Mechanical foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Liquid Adhesive will not ignite. Dried Adhesive could ignite if exposed to ignition source, producing CO, CO₂, smoke and hydrocarbons.

SPECIAL FIRE FIGHTING PROCEDURES: None (see above)

Health Hazard Data:

THRESHOLD LIMIT VALUE: Non-established

WET: Light-headedness, nausea, mild dermatitis

DRY: None

ACUTE: Eye, nose and throat irritation

EMERGENCY AND FIRST AID PROCEDURES:

Flush eyes with ample water, wash skin with soap and water.

Ingestion: treat symptomatically and contact physician.

Reactivity Data:

STABILITY: Stable

CONDITIONS TO AVOID: Closed area with open container, strong acids or oxidents, temperatures below 15°F.

DECOMPOSITION PRODUCTS: None

POLYMERIZATION: Will not occur

Spill or Leak Procedures:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR

SPILLED: Scoop up excess with shovel, wash remainder with water.

WATER DISPOSAL METHOD: Landfill or incinerate as per local and state regulations.

Special Protection Information:

RESPIRATORY PROTECTION: none required with adequate ventilation.

VENTILATION: Open windows, exhaust fan, open air area.

PROTECTIVE GLOVES: May be desirable for sensitive skin.

EYE PROTECTION: safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: None Required.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Store in a cool dry place. Optimum storage temperature is 70° F. Shelf life- one year from the date of manufacture. Keep sealed when not in use.

OTHER PRECAUTIONS: Keep from freezing. If frozen, allow adhesive to thaw at room temperature. DO NOT agitate or stir when frozen. Keep sealed when not in use.



Material Safety Data Sheet

EW1-F2U ADHESIVE

EarthWerks LVT to Underlayment Adhesive

MATERIAL SAFETY AND DATA SHEET FOR COATINGS, RESINS, AND RELATED MATERIALS APPROVED BY THE U.S. DEPT OF LABOR.

Ingredients:	CAS NO:
Water	7732-18-5
Acrylic/Rosin Blend	
Proprietary	
Hase Thick Proprietary	
Ammonia	7664-41-7

Compound non-hazardous per OSHA 29CFR 1910. 1200
Non-carcinogenic Adhesive Volatile Organic Compounds (VOC)
0 g/f (Calculated per SQAQMD Rule 1168)

Physical Data:

BOILING RANGE >212°F
FLASH POINT: N/A
VAPOR DENSITY: Lighter than air
EVAPORATION RATE: Slower than Ether
FREEZE/THAW STABILITY: 15-20°F

Fire & Explosion Data:

DOT Category: Non-flammable
LEL: Not known
EXTINGUISHING MEDIA: Water mist, dry chemical, CO₂,
Mechanical foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Liquid Adhesive will not ignite. Dried Adhesive could ignite if exposed to ignition source, producing CO, CO₂, smoke and hydrocarbons.
SPECIAL FIRE FIGHTING PROCEDURES: None (see above)

Health Hazard Data:

THRESHOLD LIMIT VALUE: Non-established

WET: Light-headedness, nausea, mild dermatitis

DRY: None

ACUTE: Eye, nose and throat irritation

EMERGENCY AND FIRST AID PROCEDURES:

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Ingestion: treat symptomatically and contact physician.

Reactivity Data:

STABILITY: Stable

CONDITIONS TO AVOID: Closed area with open container, strong acids or oxidents, temperatures below 15°F.

DECOMPOSITION PRODUCTS: None

POLYMERIZATION: Will not occur

Spill or Leak Procedures:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Scoop up excess with shovel, wash remainder with water.

WATER DISPOSAL METHOD: Landfill or incinerate as per local and state regulations.

Special Protection Information:

RESPIRATORY PROTECTION: none required with adequate ventilation.

VENTILATION: Open windows, exhaust fan, open air area.

PROTECTIVE GLOVES: May be desirable for sensitive skin.

EYE PROTECTION: safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: None Required.

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