

MATERIAL SAFETY DATA SHEET

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Forbo Flooring, Inc., P.O. Box 667, Hazleton, PA. 18202

24-Hour Emergency Telephone: (800) 424-9300

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: FORBO L-910 Linoleum Adhesive

CHEMICAL FAMILY: Water Base Adhesive

SECTION 2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
None requiring reporting				

SECTION 3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Eyes, Skin.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause slight irritation, including stinging, redness, tearing.

SKIN CONTACT: May cause slight irritation, redness with prolonged, untreated contact.

INGESTION: May cause stomach discomfort, nausea, diarrhea.

INHALATION: No effects expected.

CHRONIC: No effects known.

CARCINOGENICITY: This product contains no ingredient above the OSHA minimum reporting threshold listed as a carcinogen by IARC, NTP, or OSHA.

SECTION 4. FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. Contact a physician if irritation occurs.

SKIN CONTACT: Wash with soap and water.

INGESTION: Do not induce vomiting. Contact a physician.

INHALATION: Remove to fresh air.

SECTION 5. FIRE-FIGHTING MEASURES

FLASH POINT (°)F: None.

LOWER FLAMMABLE LIMIT: None

UPPER FLAMMABLE LIMIT: None

FIRE-FIGHTING INSTRUCTIONS: Use protective clothing and self-contained breathing apparatus.

EXTINGUISHING MEDIA: Water fog, CO₂, dry chemical, and chemical foam.

DECOMPOSITION PRODUCTS: Dried material may produce CO, CO₂, and hydrocarbons.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spill. Shovel or scoop into secure container(s) for recovery or disposal. Dispense sand, sawdust, or vermiculite and absorb spill residue. Collect and place in waste container. Wash area thoroughly with water.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use good hygienic practices. Wash hands before eating, using washroom, or smoking. Keep out of the reach of children.

STORAGE: Store above 40° F. Freeze-thaw stable up to five cycles at 20° F.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Wear safety glasses with side shields or chemical splash goggles if contact with material is likely.

SKIN PROTECTION: Wear impervious synthetic rubber gloves where contact with material is likely.

RESPIRATORY PROTECTION: Not normally required with good ventilation

ENGINEERING CONTROLS: Open doors and windows, use floor and ceiling fans to ventilate work area during application.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F): 212
VAPOR PRESSURE: Same as water.
% VOLATILE BY WEIGHT: 36
APPEARANCE AND ODOR: Light tan colored paste with little or no odor.

SPECIFIC GRAVITY (WATER = 1): 1.15
VAPOR DENSITY(air=1): Same as water.
pH: 10.3

SECTION 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.
POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: None.

SECTION 11. TOXICOLOGICAL INFORMATION

No information available.

SECTION 12. ECOLOGICAL INFORMATION

No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local regulations.

SECTION 14. TRANSPORT INFORMATION

For domestic transportation purposes, this product is not designated as a hazardous material by the U.S. Department of Transportation.

SECTION 15. REGULATORY INFORMATION

TSCA: All ingredients of this product are listed on the TSCA inventory.

SARA TITLE III:

Section 311 and 312 Health and Physical Hazards: Not Listed.

Immediate	Delayed	Fire	Pressure	Reactivity
[]	[]	[]	[]	[]

Section 313 Chemicals: No components at or above EPA reporting thresholds.

HAZARDOUS AIR POLLUTANTS:

CALIFORNIA VOC (Volatile Organic Compound) COMPLIANCE:

Solvent Free Product.

SCAQMD Rule 1168: VOC compliant.

SCAQMD Rule 443.1: Grams of VOC per Liter of Material: 0 grams/liter.
Grams of VOC per Liter of Coating: 0 grams/liter.

SECTION 16. OTHER INFORMATION

HMIS RATINGS: Health = 1 Flammability = 0
Reactivity = 0 Personal Protective Equipment = B
Hazard rating scale: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

Forbo Flooring, Inc. believes the statements, technical information and recommendations contained herein are reliable. They are given without warranty or guarantee of any kind, expressed or implied.

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