

HIGH PERFORMANCE ECO-FRIENDLY PRODUCTS

# URETHANE ADHESIVE

# REMOVER

F O R M U L A

# 922

HIGH FLASHPOINT  
LOW ODOR FORMULA  
RINSES WITH WATER

REMOVES CURED ADHESIVES

## PRODUCT DESCRIPTION:

SENTINEL 922 URETHANE ADHESIVE REMOVER is a low-odor, readily biodegradable solution, specifically formulated for cleaning and removing urethane and solvent adhesives used for installing wood floors. 922 rinses with water, leaving no residue behind.

## DIRECTIONS:

*While 922 works on urethane and solvent-based adhesives, we recommend that you test it on a small area first.*

### For Removing Urethane and Solvent Adhesives:

1. Wet the entire adhesive surface with 922, using a sprayer or mop. Allow 922 to soak and penetrate for 30-60 minutes, depending on the thickness of the adhesive.
2. Scrape the bulk of the softened adhesive from the surface with a floor scraper (razor scrapers are preferred).
3. If necessary, protect walls, drains, cracks, and other flooring with an absorbent. Reapply 922 and agitate using brooms or stripper pads. Liquefied adhesive can be absorbed using kitty litter, sawdust, etc and then removed.
4. Wash and rinse floor thoroughly with SENTINEL 810 and water to ensure a clean surface. Allow to dry completely.

### For Removal of Glued Down Wood Flooring:

1. Cut the wood surface using a circular saw into 6" to 8" squares. Set the saw deep enough to cut through the flooring down to the subfloor but not so deep as to cut the subfloor.
2. Vacuum all sawdust from the floor and from out of cut lines.
3. Apply liberal amounts of 922 to the cut lines using a squeegee or mop making sure that all of the 922 product penetrates the cut lines. Typical coverage should average 75 ft<sup>2</sup>/gallon. Allow 922 to soak and penetrate under the wood for 4-8 hours.
4. Using a spade or similar tool, pry up old wood flooring. Squares should be intact and easy to remove with little effort. Once flooring is removed, follow directions for removing adhesives from subfloor.



## SPECIFICATIONS:

*Coverage for urethane removal will range from 50-125 ft<sup>2</sup>/gallon, depending on use.*

APPEARANCE	AMBER
APPROXIMATE BOILING POINT	385-437°F
ODOR	SLIGHT
FLASHPOINT	OVER 205°F
pH	NEUTRAL

See reverse side for  
Material Safety Data Sheet (MSDS)

**MATERIAL SAFETY DATA SHEET**

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**SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION**

PRODUCT NAME: SENTINEL 922 URETHANE ADHESIVE REMOVER  
CHEMICAL: Not Applicable, mixture      SYNONYMS: None  
EMERGENCY MEDICAL AND SPILL NUMBER 1-866-359-5661

**SECTION 2 COMPONENT & EXPOSURE DATA**

COMPONENT	CAS#	PEL	TLV	%
DIMETHYL GLUTERATE	1119-40-0	28-35		
DIMETHYL ADIPATE	627-93-0	9-18		

**SECTION 3 HEALTH INFORMATION**

EFFECTS OF OVEREXPOSURE: May cause eye and respiratory tract irritation-May cause blurred vision  
EYE CONTACT: This material may cause pain, redness, and tearing based on toxicity studies. May cause blurred vision.  
SKIN CONTACT: This material may cause skin irritation. Prolonged or repeated exposure may cause redness, burning, drying or cracking of skin or dermatitis.  
INHALATION: This product may cause upper respiratory irritation.  
INGESTION (SWALLOWING): LD50>50ml/kg (albino rats)(similar products)

**SECTION 4 OCCUPATIONAL EXPOSURE LIMITS**

PEL: NO OSHA PEL      TLV: NO ACGIH TLV

**SECTION 5 EMERGENCY FIRST AID PROCEDURES**

FOLLOW STANDARD FIRST AID PROCEDURES:  
SWALLOWING: Call physician or poison control center.  
SKIN CONTACT: Wash affected area.  
EYE CONTACT: Flush eyes with cool water for at least 15 minutes. Do not let victim rub eyes.  
INHALATION: Immediately remove victim to fresh air. Get medical attention immediately.

**SECTION 6 PHYSICAL DATA**

BOILING POINT: Over 400 degrees F (204 degrees C) at 760 mm Hg pressure  
VAPOR PRESSURE: Less than .2 mm Hg at 68 degrees F  
SPECIFIC GRAVITY: 0.97 AT 25 degrees c  
SOLUBILITY IN WATER: Negligible at room temperature  
APPEARANCE AND COLOR: Light yellow to amber and liquid at room temperature  
ODOR: Light musty odor

**SECTION 7 FIRE AND EXPLOSION HAZARDS**

FLASH POINT & METHOD USED: >200 °F (PMCC)  
FLAMMABLE LIMITS: Not applicable      NFPA RATING: No NFPA rating

HMIS RATING:      HEALTH: 1 FIRE: 1 REACTIVITY: 0

SPECIAL FIRE FIGHTING PROCEDURES & PRECAUTIONS: Treat as oil fire. Use water spray, dry chemical, foam or carbon dioxide.  
USUAL FIRE & EXPLOSION HAZARDS: Rags soaked with any solvent present a fire hazard and should always be stores in UL listed of Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions can lead to spontaneous combustion. This product contains antioxidants to retard oxidation.

**SECTION 8 REACTIVITY**

STABILITY: Stable      HAZARDOUS POLYMERIZATION: None Likely  
MATERIAL TO AVOID: Strong oxidizing agents      HAZARDOUS DECOMPOSITION PRODUCTS: CO2, CO  
CONDITIONS TO AVOID: Strong oxidants, acids and alkalis

**SECTION 9 EMPLOYEE PROTECTION**

CONTROL MEASURES; Adequate Ventilation  
RESPIRATORY PROTECTION: Avoid breathing vapor or mist. Use NIOSH/MSHA approved respiratory protection equipment.  
PROTECTIVE CLOTHING: No need anticipated      EYE PROTECTION: Wear chemical goggles and have eye flushing equipment available.

**SECTION 10 ENVIRONMENTAL PROTECTION**

ENVIRONMENTAL PRECAUTIONS: Avoid uncontrolled releases of this material to environment.  
SPILL OR LEAK PRECAUTIONS: Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media.  
WASTE DISPOSAL: Dispose of according to federal, state and/or local requirements.

**SECTION 11 REGULATORY CONTROLS**

DOT CLASSIFICATION: CLASS 55      DOT PROPER SHIPPING NAME: Cleaning Compound  
OTHER REGULATORY REQUIREMENTS: Listed in TSCA inventory

**SECTION 12 DOCUMENTARY INFORMATION**

DISCLAIMER OF EXPRESSED OR IMPLIED WARRANTIES The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his/her own determination as to the suitability of the product for his/her particular purpose and on the condition the he/she assume the risk of his use thereof.