

MATERIAL SAFETY DATA SHEET
Emergency Phone: Chemtrec 800-424-9300

1. Product and Company Information

Product Name: G524 Simple Saver High Tack Sealant™
Description: Solvent Resin Sealant

Company Information: Thermal Design, Inc.
601 N. Main St.
Madison, NE 68748

Information phone/fax: (402) 454-6591/(402) 454-2708

2. Hazardous Ingredients

<u>Hazardous Components</u>	<u>Chemical Identity</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits Recommended %</u>
Toluene	CAS #108-88-3	300 PPM	50 PPM	N/D
Heptane	CAS #142-82-5	500 PPM	400 PPM	500 PPM
Acetone	CAS #67-64-1	N/D	N/D	N/D
Methyl Cyclohexane	CAS #108-87-2	500 PPM	400 PPM	N/D

3. Physical-Chemical Characteristics

Appearance: Amber Thin Liquid
Boiling Point: 209° F
Evaporation Rate: Greater than 1 (Butyl Acetate = 1)
Melting Point: N/A
Odor: Solvent
Solubility in Water: Appreciable
Specific Gravity: 0.90
Vapor Density: 2:38
Vapor Pressure: 185.0
Working Temperatures 40° F – 120° F

4. Fire and Explosion Hazard

Flash Point: Below 0°F
LEL: 1.0
UEL: 11.6
Extinguishing Media: CO₂, Foam, Dry Chemical
Special Fire Fighting Procedures: Do not use water, as it may be ineffective. Water may be used to cool closed container. Wear self-contained breathing apparatus and protective clothing in fighting fires to avoid inhalation of smoke and vapors.
Unusual Fire and Explosion Hazards: VAPORS MAY CAUSE FLASH FIRE! VAPORS MAY IGNITE EXPLOSIVELY!

5. Stability and Reactivity

Stability: Stable
Incompatibility: Strong oxidizing agents/Fire/Excessive Heat
Hazardous Decomposition or Byproducts: CO, CO₂, HCL, CL₂, Hydrocarbons

6. Health Hazard Data

Health Hazard-

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Aspiration of material into lungs can cause chemical pneumonitis and pulmonary edema.
Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, nausea, impairment of coordination and even asphyxiation. (VOC content: 2.66#/gal. Or 319.43 grams/liter)
Skin Contact: Prolonged and repeated skin contact can cause defatting and drying of the skin that can

result in skin irritation and dermatitis.
Eye Contact: Can cause severe irritation, redness, tearing, blurred vision.

Carcinogenicity-

NIP: No

IARC Monographe: No

OSHA Regulated: No

Signs and Symptoms of Exposure-

Headache, nausea, dizziness, impairment of coordination

Emergency and First Aid Procedures-

Inhalation: Remove to fresh air. Administer artificial respiration if necessary. Call doctor.

Skin Contact: Remove with mineral spirits followed by soap and water.

Eye Contact: Flood with large amounts of water for 10 minutes. Call doctor.

Ingestion: Call doctor at once.

7. Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled-

Remove or extinguish all sources of flame, heat and sparks. Turn off all electric motors in area. Ventilate the area. Wear rubber gloves and use rags or disposable paper towels. Dispose rags, etc. in sealed container.

Waste Disposal Method-

Dispose of in accordance with Federal, State and Local Regulations.

Precautions to Be Taken in Handling and Storing-

DANGER! EXTREMELY FLAMMABLE! Harmful or fatal if swallowed. Keep away from heat and open flame. Use with adequate ventilation. Avoid prolonged or repeated skin contact. Avoid contact with eyes.

Don't transfer to unmarked container. KEEP OUT OF REACH OF CHILDREN! FOR INDUSTRIAL USE ONLY!! If resold or repackaged for household use, containers must be replaced in accordance with the Federal Hazardous Substances Labeling Act.

8. Control Measures

Respiratory Protection: Use NIOSH approved respirator for organic vapor and mist in compliance with OSHA.

Ventilation: General dilution ventilation of sufficient volume and pattern to keep vapor concentration below 50 PPM.

Protective Gloves: Impermeable gloves to minimize skin contact.

Eye Protection: Safety glasses with side shields.

Work-Hygienic Practices: Wash with soap and water before eating, drinking, smoking or using toilet facilities.

9. Transportation Information

US DOT Information: Hazard Class: 3
Packaging Group: II
UN Number: UN1133

10. HMIS Hazard Rating

Health: 2

Flammability: 3

Reactivity: 0