

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

1. Identification





Product name: G524 Simple Saver High Tack Sealant™
 Application: Solvent-based Sealant
 Company Information: Thermal Design, Inc.
 601 N Main St.
 Madison, NE 68748
 InformationPhone/Fax: (P) 402-454 6591 (F) 402-454-2708
 Emergency Telephone: Chemtrec: 800-424-9300

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards: Flam. Liq. 2 - H225
 Health hazards: Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304
 Environmental hazards: Aquatic Chronic 2 - H411
 Human health: The liquid may be irritating to eyes, respiratory system and skin. Symptoms following overexposure may include the following: Headache. Dizziness. Nausea, vomiting.

Label elements

Signal word: **Danger** Pictogram
 Hazard statements : H225 Highly flammable liquid and vapor. 
 H302 Harmful if swallowed. 
 H304 May be fatal if swallowed and enters airways. 
 H315 Causes skin irritation. 
 H336 May cause drowsiness or dizziness.
 H361d Suspected of damaging the unborn child.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H411 Toxic to aquatic life with long lasting effects.
 Precautionary statements: P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 If on skin: Wash with plenty of water.
 P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 P312 Call a poison center/doctor if you feel unwell.
 P403+P235 Store in a well-ventilated place. Keep cool.
 Contains : Heptane, Toluene
 Other hazards: This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Substances

Mixtures

Heptane: 10-30%		Toluene: 10-30%	
CAS number:	142-82-5	CAS number:	108-88-3
M factor (Acute) = 1	M factor (Chronic) = 1	Classification:	Flam. Liq. 2 – H225
Classification:	Flam. Liq. 2 – H225		Skin Irrit. 2 - H315
	Skin Irrit. 2 - H315		Acute Tox. 4 – H302
	Acute Tox. 4 – H302		Repr. 2 - H361d
	STOT SE 3 - H336		Acute Tox. 4 – H312
	Acute Tox. 4 – H312		STOT SE 3 - H336
	Asp. Tox. 1 - H304		Acute Tox. 4 – H332
	Acute Tox. 4 – H332		STOT RE 2 - H373
	Aquatic Acute 1 - H400		Tox. 1 - H304
	Aquatic Chronic 1 - H410		

The Full Text for all Hazard Statements are Displayed in Section 16.

4. First-aid measures

Description of first aid measures

General information:	Remove affected person from source of contamination. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention if any discomfort continues.
Inhalation:	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.
Ingestion:	Get medical attention immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Skin Contact:	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact:	Remove any contact lenses and open eyelids wide apart. Only remove contact lenses if the person is conscious, coherent and they can remove them themselves. If adhesive bonding occurs, do not force eyelids apart. Continue to rinse for at least 15 minutes. If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

Inhalation:	May cause coughing and difficulties in breathing. May cause eye and respiratory system irritation. Overexposure may depress the central nervous system, causing dizziness and intoxication.
Ingestion:	Aspiration hazard if swallowed. May be fatal if swallowed and enters airways. Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract. May Cause the following effects: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Central nervous system depression. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
Skin contact:	May be absorbed through the skin. Product has a defatting effect on skin. The liquid is irritating to eyes and skin. Remove contaminated clothing. A single exposure may cause the following adverse effects: Dryness and/or cracking.
Eye contact:	Causes serious eye irritation. Burns can occur. A single exposure may cause the following adverse effects: Pain. Conjunctivitis, irritation, tearing. Prolonged or repeated exposure may cause the following adverse effects: Irritation of eyes and mucous membranes. Prolonged contact causes serious eye and tissue damage.

5. Fire-fighting measures

Suitable extinguishing media:	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards:	Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
Special protective equipment for firefighters:	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions:	For personal protection, see Section 8. No smoking, sparks, flames or other sources of ignition near spillage.
Environmental precautions:	Avoid discharge into drains. Contain spillage with sand, earth or other suitable non-combustible material.
Methods for cleaning up:	Stop leak if possible without risk. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

7. Handling and storage

Usage precautions:	Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level. Container must be kept tightly closed when not in use. Use explosion proof electric equipment. Avoid discharge into drains or watercourses or onto the ground.
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Advice on general occupational hygiene:
Storage precautions:

Do not eat, drink or smoke when using this product.

Keep away from heat, sparks and open flame. Keep container tightly closed. Keep only in the original container.

8. Exposure Controls/Personal Protection

Appropriate engineering controls: This product must not be handled in a confined space without adequate ventilation. Avoid inhalation of vapors and spray/mists. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapor or mist.

Eye/face protection: Wear safety glasses.

Hand protection: Use protective gloves.

Other skin and body protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

Hygiene measures: DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Respiratory protection: Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If exposure levels are likely to be exceeded, use a full face mask fitted with an organic AXP3 filter for short term low level exposures. For long term or high level exposures, compressed airline breathing apparatus should be used.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance: Liquid.

Color: Amber.

Odor: Solvent.

Working Temperatures: 40° F – 120° F

Initial boiling point and range: 208° F

Flash point: 24° F

Upper/lower flammability or explosive limits: Lower flammable/explosive limit:1g/100g Upper flammable/explosive limit:11.6g/100g

Relative density: 0.90

Solubility(ies) : Negligibly soluble in water

Volatile organic compound: This product contains a maximum VOC content of 320g/l.

10. Stability and reactivity

Stability: Stable at normal ambient temperatures and when used as recommended.

Conditions to avoid: Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidizing agents. Reducing agents.

Hazardous decomposition products: Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).Hydrogen chloride (HCl). Nitrous gases (NO_x). Chlorine.

11. Disposal considerations

Waste treatment methods

Disposal methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

12. Transport information

Air transport notes: 1. 5L, 2. 60L

UN No. (DOT): 1133 or Limited Quantity <5L

UN No. (ICAO): 1133

Proper shipping name (DOT): Sealants

DOT hazard class: 3

Packing group II

13. Other information

Hazard statements in full	
H225 Highly flammable liquid and vapor. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness.	H361d Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

ACA HMIS Health rating: Moderate hazard. (2)
 ACA HMIS Flammability rating: Ignites easily. (3)
 ACA HMIS Physical hazard rating: Normally stable. (0)
 ACA HMIS Personal protection rating: B

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