

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

MSDS Name: G220 Simple Saver Pressure Sensitive Sealant™  
MSDS Date: 05/18/11  
Page Number: 1 of 5

.....  
**Section 1 - Product and Company Information**

Product Name: G220 Simple Saver Pressure Sensitive Sealant™  
HMIS Hazard Rating: Health: 2 Flammability: 4 Reactivity: 1 (slight)

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

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

**Section 2 - Ingredient and Hazard Information**

| Hazardous Components   | Chemical Identity | OSHA PEL | ACGIH TLV | Other Limits Recommended | %     |
|------------------------|-------------------|----------|-----------|--------------------------|-------|
| Methylene Chloride     | CAS #75-09-2      |          |           |                          | 45-55 |
| Hydrocarbon Propellant | CAS #68476-85-7   |          |           |                          | 25-35 |

**Section 3 - Physical and Chemical Characteristics**

Appearance: Natural, Green colored liquid  
Odor: Sweet Pungent  
Solids: 20-30%  
pH: N/A  
Specific Gravity: 1.18 + .02  
Physical State: Liquid  
VOC (% by weight): 30%  
VOC grams/liter: 162.60 g/l  
Evaporation Rate: >1  
Boiling Point: N/A  
Density: 9.92

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

MSDS Name: G220 Simple Saver Pressure Sensitive Sealant™  
MSDS Date: 05/18/11  
Page Number: 2 of 5

.....  
**Section 4 - Fire Fighting Measures (Flash, UEL, LEL for solvent only)**

**Flash Point:**

Concentrate: N/A  
Propellant: -156°F

**LEL:**

Concentrate: N/A  
Propellant: 1.8

**UEL:**

Concentrate: N/A  
Propellant: 9.5

**Extinguishing Media:**

Use dry chemical, carbon dioxide or foam. Use water to cool firm-exposed containers and to protect personnel. Do not direct a solid stream of water or foam into hot, burning pools this may result in frothing and increase fire intensity.

**Basic Fire Fighting Procedures:**

Dangerous when exposed to heat or flame. This material can be ignited by flame or spark under normal atmospheric condition. Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back. Pressurized Container: May explode when exposed to heat or flame. Empty containers may retain product residue including Flammable or Explosive vapors. DO NOT cut, drill, grind or weld near full, partially full or empty product containers.

**Dust Explosion Hazard:**

None known

**Sensitivity to Mechanical Impact:**

Container could potentially burst or be punctured upon mechanical impact, releasing flammable vapors.

**Unusual Fire & Explosion Hazards:**

During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed container to rupture due to a build up of internal pressures. Cool with water.

**Fire Fighting Equipment/Instructions:**

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

**Section 5 - Stability & Reactivity**

**Stability:**

This product is stable under normal conditions.

**Hazardous Polymerization:**

Will not occur.

**Conditions to avoid:**

Keep away from sources of ignition. Avoid contact with strong oxidizers, reducers, acids and alkalis.

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

MSDS Name: G220 Simple Saver Pressure Sensitive Sealant™  
MSDS Date: 05/18/11  
Page Number: 3 of 5

.....  
**Section 6 - Health Hazard Data**

**Health Hazards:**

**Skin Contact:** This product may cause irritation to the skin. Prolonged or repeated contact with the product may dry and/or defat the skin. This product may be harmful if it is absorbed through the skin.  
**Eye Contact:** Liquid or vapors may irritate the eyes. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Eye contact may lead to permanent damage if not treated promptly.  
**Ingestion:** This product is harmful if swallowed. Ingestion can cause gastrointestinal irritation, nausea and diarrhea.  
**Target Organs:** Over exposure has been suggested as a cause of the following effects in laboratory animals: kidney damage, liver damage.  
**Inhalation:** This product may cause dizziness, nausea, upper respiratory irritation, drowsiness, mental depression or narcosis, difficulty in breathing, irregular heart beats.

**Emergency and First Aid Procedures:**

**Skin:** For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.  
**Eye:** Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.  
**Inhalation:** Move person to non-contaminated air. If the affected person is not breathing, apply artificial respiration. Call a physician if symptoms develop or persist.  
**Ingestion:** If the material is swallowed, get immediate medical attention or advice. DO NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek immediate medical attention. Do not give anything.

**Section 7 - Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled:**

Evacuate the area promptly and keep upwind of the spilled material. Isolate the spill area to prevent people from entering. Wear appropriate protective equipment and clothing during clean-up. Stop discharge if safe to do so. Stop material from contaminating soil or from entering sewers or water streams. Cover spills with non-flammable absorbent and place in closed chemical waste containers.

**Precautions to be Taken in Handling and Storage:**

FOR COMMERCIAL USE ONLY-NOT PACKAGED OR LABELED FOR HOME USE!  
Keep this product away from heat, sparks or open flame. Avoid getting this material into contact with your skin and eyes. Avoid breathing mists or aerosols of this product. Use this product with adequate ventilation. Do not reuse the empty container.  
Store in a cool, dry, well-ventilated area. Do not handle or store near an open flame, heat or other sources of ignition. Keep out of direct sunlight. Do not store above 120°F (49°C).  
Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container with professional cleaning for food, clothing or product for human or animal consumption, or where skin contact can occur.

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

MSDS Name: G220 Simple Saver Pressure Sensitive Sealant™  
MSDS Date: 05/18/11  
Page Number: 4 of 5

.....  
**Section 8 - Control Measures**

**Engineering Controls:**

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

**Eye Protection:**

Wear goggles or safety glasses with side shields.

**Skin and Body Protection:**

Impervious gloves should be used when handling this product. Use of protective coveralls and long sleeves is recommended.

**Respiratory Protection:**

Use NIOSH approved respiratory protection. High hygiene practices in handling this material.

**Exposure Limits:**

| Component(s)           | TLV     | OSHA-PEL | OSHA-STEL | SARA 313 | Prop 65 | VOC |
|------------------------|---------|----------|-----------|----------|---------|-----|
| Methylene Chloride     | 50ppm   | 25ppm    | 125ppm    | X        | X       | X   |
| Hydrocarbon Propellant | 1000ppm |          |           |          |         |     |

Other raw material is considered trade secret.

**Section 9 - Transportation Information**

**Aerosol:**

**Ground Transportation:** Consumer Commodity ORM-D

**Ocean:** UN1950, Class 2.1, Flammable Gas, Limited Quantity

**Air:** We do NOT recommend this product to be shipped via air. If would need to be repacked by an authorized packing company and DG would have to completed by a licensed hazardous material shipping company.

**Cylinder:**

DOT

**Basic Shipping Requirements:** Spray Sealant

**Proper Shipping Name:** Liquified Gas Flammable, N.O.S. (Isobutane, Propane)

**UN Number:** UN3161

**Class:** 2.1

**Section 10 - HMIS Hazard Rating**

**Health:** 2

**Flammability:** 4

**Reactivity:** 1 (slight)

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

MSDS Name: G220 Simple Saver Pressure Sensitive Sealant™  
MSDS Date: 05/18/11  
Page Number: 5 of 5

.....  
**Methylene Chloride:**

**TSCA Inventory**

**Sara 311-312:** Acute Health Hazard  
Chronic Health Hazard

**CERCLA:** Methylene Chloride (75-09-2) 1000 lbs

This product contains chemicals known to the state of California to cause cancer.

**Disclaimer:**

The information contained herein is based on data available as of the date of preparation of this MSDS and which we believe to be reliable. However, no warranty is expressed or implied regarding the accuracy of the data. We shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and the user must make his own investigation to determine the suitability of the information or products for his particular purpose, for the protection of the environment, and the health and safety of the users of this material.