MSDS

(Posted 10/08/2012)

The attached MSDS sheets supersede all other MSDS sheets. Please file accordingly.

VENDOR: **HARDCAST A691**

STOCK#	MFG# DESCRIPTION
G80-612	308603 TRAVEL-TACK-GREEN 187# CYLINDER

MATERIAL SAFETY DATA SHEET

Carlisle HVAC Products
900 Hensley Lane
Wylie, TX 75098
Customer Service: (972) 442-6545
Internet address: www.carlislehvac.com

SECTION 1-CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: **Travel Tack Green**
CAS NUMBER: **MIXTURE**
Description: **ADHESIVE SPRAY**
EMERGENCY TELEPHONE: CHEMTREC 1-800-424-9300
General MSDS assistance: 1-800-527-7092

SECTION 2- COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT(S)	CAS #	% by Weight
Methylene Chloride	75-09-2 45	55%
Hydrocarbon Propellant	68476-85-7 25	35%

Refer to Section 8 for exposure limits and recommendations.

SECTION 3- HAZARDS IDENTIFICATION

Emergency Overview: Symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting), irritation (throat, nose, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), irregular heartbeat, elevated carbon monoxide levels in the blood, and death.

Cancer Information: Methylene chloride has been shown to cause liver and lung cancer in laboratory mice. Methylene chloride has not been shown to be carcinogenic in humans. It is listed as carcinogenic by the International Agency for Research on Cancer (IARC), THE National Toxicology Program (NTP), and the Occupational Safety and Health Administration (OSHA).

Potential health effects:
Skin Contact: This product may cause irritation to the skin. Prolonged or repeated contact with this 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.

SECTION 4- FIRST AID MEASURES

Seek immediate medical attention
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.

SECTION 5- FIRE FIGHTING MEASURES

Extinguishing Media: Use dry chemical, carbon dioxide, or foam. Use water to cool fire-exposed containers and to protect personnel. Do not direct a solid stream of water or foam into hot, burning pools this may results 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 containers 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.
Flash Point: concentrate: N/A Propellant: -156˚F
Flammability limits in air:

Upper % by volume concentrate:	N/A	Lower % by volume concentrate:	N/A
Upper % by volume propellant:	9.5	Lower % by volume propellant:	1.8

SECTION 6- ACCIDENTAL RELEASE MEASURES

Emergency Action: 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.
Containment: 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.

SECTION 7- HANDLING & STORAGE

FOR COMMERCIAL USE ONLY-NOT PACKAGED OR LABELED FOR HOME USE!
Handling: 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.
Storage: 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 120F (49 C).
Empty Container Precautions: Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

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 airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA).
General: Use good hygiene practices in handling this material.

Exposure Limits: (PARTS PER MILLION)

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

Other raw material is considered trade secret.

SECTION 9- PHYSICAL & CHEMICAL PROPERTIES

Solids:	**25-30%**	**Evaporation Rate:**	**>1 (ethyl ether)**
PH:	**N/A**	**Boiling Point:**	**N/A**
Specific Gravity:	**1.1937**	**Color:**	**Green**
Physical State: Liquid		**Odor:**	**Sweet Pungent**

SECTION 10-STABILITY & REACTIVITY

Hazardous polymerization will not occur. Condition to avoid: Keep away from sources of ignition. Avoid contact with strong oxidizers, reactive metals such as aluminum and magnesium, amines, and strong alkalis.
Stability: This product is stable under normal conditions.

SECTION 11-TOXICOLOGICAL INFORMATION

Methylene Chloride: Oral LD50: 1600 mg/kg (rat)
Inhalation LC50: 52 gm/m3 (rat)
Reproductive Toxicity: Dichloromethane has been linked to spontaneous abortions in humans.

SECTION 12-ECOLOGICAL INFORMATION

No information available

SECTION 13-DISPOSAL CONSIDERATIONS

We make no guarantee of warranty of any kind that the use of, and/or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.
Waste Disposal: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

SECTION 14-TRANSPORTATION INFORMATION

Aerosol:
Ground Transportation: (Continental United States, Canada & Mexico): Consumer Commodity ORM-D
Ocean: UN 1950 Class 2.1 Flammable Gas, Limited Quantity
Air: We do NOT recommend this product to be shipped via air. It would need to be repacked by an authorized packing company and the DG would have to be completed by a licensed hazardous material shipping company.

Cylinder:
DOT
Basic shipping requirements: SPRAY ADHESIVE
Proper shipping name: LIQUIFIED GAS FLAMMABLE, N.O.S.
(ISOBUTANE, PROPANE)
UN NUMBER UN3161
CLASS 2.1

SECTION 15- REGULATORY INFORMATION

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.

SECTION 16-Other Information

H.M.I.S
HEALTH 1
FLAMMABILITY 2
REACTIVITY 0

The information in this MATERIAL SAFETY DATA SHEET is pursuant to 29 CFR 1910.1200 to convey information concerning the hazardous nature of this product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all direction and warnings on the label be read and understood.