

Material Safety Data Sheet

K-GRIP 707

Maple Leaf Sales II, Inc.
Middleville, MI 49302
1-800-521-1133

Emergency Number: 1-800-424-9300 (Chemtrec)

MSDS Revision Date: 9/15/08

Section 1 – Product Identification

K-GRIP 707 Headliner & Trim Aerosol Spray Adhesive

Section 2 – Hazardous Ingredients / Identity Information

Chemical Names	Exposure Limits (LD50-Oral Rat)	SARA Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
Cyclohexane (CAS#110-82-7)	29.0g/kg	YES	300ppm	300ppm	10 – 20
Pentane (CAS#109-66-0)	ND	NO	600ppm	600ppm	10 – 20
Acetone (CAS#67-64-1)	5.8g/kg	YES	750ppm	750ppm	5 – 10
Dimethoxymethane (CAS#109-87-5)	ND	NO	1000ppm	1000ppm	5 – 10
Dimethyl Ether (CAS#115-10-6)	ND	NO	1000ppm	1000ppm	10 – 15
Liquified Petroleum Gas (CAS#68476-85-7)	ND	NO	1000ppm	1000ppm	20 – 25

HMIS Information:

Health: 1, Flammability: 4, Reactivity: 0, Protective Equipment: *B

Hazard Rating: 0 – Minimal 1 – Slight 2 – Moderate 3 – High 4 – Extreme * – Chronic

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard.

Components Listed As A Suspected Carcinogen: None

Section 3 – Physical Characteristics

Boiling Point: NA Vapor Pressure (psig): 110 +/- 5 @ 130F Specific Gravity (H2O=1): <1.0

Solubility/Water: Negligible Vapor Density (AIR=1): >1 Evaporation Rate (Ether=1): <1

Appearance and Odor: Clear Amber, Pungent Odor

Section 4 – Fire and Explosion Hazard Data

Aerosol Flammability: This product is considered to be extremely flammable as described in 16CFR 1500.45.

Flammable Limits - % Volume In Air (Propellant): LEL: 1.8 UEL: 9.2

Extinguishing Media: Carbon dioxide, foam and/or dry chemical may be used.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosion Hazards: At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

Section 5 – Reactivity Data

Stability: Stable Hazardous Polymerization: NA Incompatibility (Materials to Avoid): Oxidizing agents

Hazardous Decomposition Products: Oxides of carbon and additional toxic chemicals may be formed in small amounts.

Conditions to Avoid: Do not store above 54C-130F. keep away from heat, direct sunlight, open flames or sparks. Dropping of Containers may cause bursting.

Section 6 – Health Hazard Data

Route(s) of Entry: Inhalation: X Eyes: X Skin: X Ingestion: X

Signs and Symptoms of Exposure: High concentrations or prolonged exposure may be irritating to mucous membranes, and cause central nervous system depression and producing headaches, nausea, and dizziness. Eye contact may cause irritation. Prolonged or repeated skin contact can cause defatting and drying of skin resulting in irritation and dermatitis. Liquid ingestion may result in vomiting. Aspiration of liquid into lungs must be avoided as liquid contact with the lungs can result in chemical pneumonitis and pulmonary edema/hemorrhage.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin or eye disorders may be aggravated by exposure to this product.

Emergency and First Aid Procedures:

Eye Contact: Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.

Skin Contact: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation persists. Mineral oil, baby oil, makeup remover, mineral spirits, or other similar mild solvent may be used to remove the sticky resin residue left by the adhesive.

Inhalation: Remove individual to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Keep person warm and quiet. Get medical attention.

Ingestion: Do not induce vomiting. Give two glasses of water if conscious. Never give anything by mouth to an unconscious person. Get immediate medical attention.

Section 7 – Precautions For Safe Handling and Use

Releases or Spilled: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

Waste Disposal Method: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

Handling and Storing: Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as Level 3 Aerosol (NFPA 30B).

Other Precautions: Please read and follow the directions on the product labels: they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

Section 8 – Employee Protection

Respiratory Protection (Type): none required if good ventilation is maintained. If exposure exceeds occupational exposure limits (SEC. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation: Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

Protective Gloves: Chemical resistant gloves*.

Eye Protection: Chemical safety glasses are recommended*.

Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact.

Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

Section 9 – Other Regulatory Controls

Governmental Listings: Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

Section 10 – Transportation Requirements (D.O.T. Classifications)

Shipping Name: Consumer Commodity

Hazard Class: ORM-D

Section 11 – Other Information

Disclaimer of Warranty and Other Comments:

The information contained herein is, to the best of our knowledge and belief, accurate. However, because the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all federal, state, and local laws and regulations.

The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and to develop work practice procedures for a safe work environment.

Abbreviations:

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

OSHA: Occupational Safety & Health Administration

TLV: Threshold Limit Value (ACGIH)

PEL: Permissible Exposure Limit (OSHA)

ppm: parts per million

N/D: Not Determined

N/A: Not Applicable

HMIS: Hazardous Materials Identification System

NG: Negligible

NE: Not Established

UN: Unavailable