

Material Safety Data Sheet
K-GRIP 703

Maple Leaf Sales II, Inc.
Middleville, MI 49333
1-800-521-1133

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

MLS Number: MLS 661101
MSDS Revision Date: 06/14/07

Section 1 – Product Identification

K-GRIP 703 Foam & Fabric Aerosol Spray Adhesive HAPS FREE

Section 2 – Hazardous Ingredients

Components: Hazardous Components 1% or greater; Carcinogens 0.1% or greater

<u>1. Acetone</u>	<u>2. Heptane</u>	<u>3. Isobutane</u>	4. Aliphatic Hydrocarbon
CAS# 67-64-1	CAS# 142-82-5	CAS# 75-28-5	CAS# 110-82-7
SARA 313: No	SARA 313: No	SARA 313: No	SARA 313: Yes
OSHA PEL: 750	OSHA PEL: 500	OSHA: N/A	OSHA PEL: 300
TWA TLV: 750	TWA TLV: 400	TWA TLV: 800	TWA TLV: 300
STEL: 1000	STEL: 400	STEL: N/A	

5. Propane
CAS # 74-98-6
SARA 313: No
OSHA PEL: 1000
TWA TLV: 1000
STEL: Asphyxiant

HMIS Information:

Health: 2 Flammability: 4 Reactivity: 0
Hazard Rating: 0 - Minimal 1- Slight 2 - Moderate 3 - High 4 - Extreme * - Chronic
These ratings should be used only as part of fully implemented HMIS program.

Section 3 – Physical and Chemical Characteristics

Boiling Point: -40F to 160 F
Specific Gravity: 0.6
Vapor Pressure PSIG @ 70 F: 70 Approx.
Vapor Density: 2.5
Melting Point: N/A
% Solids: 23.4%
Appearance and Odor: Clear Light Amber Solution

Flash Point and Method: -40F TCC
Flammable Limits: LEL:1.8 UEL: 12.0
Extinguishing Media: Use water fog, dry chemical, foam or carbon dioxide.
Unusual Fire and Explosion Hazards: Aerosol cans may rupture when heated.
Special Fire Fighting Procedures: Heating of contents above 130F may cause cans to burst.

Section 4 – Health Hazard Data

Primary Routes of Entry: Inhalation and Skin
Inhalation: Can cause irritation to the nose and throat. High concentrations may cause headaches, dizziness, nausea, and confusion.
Eye: May cause eye irritation.
Skin: May cause transient skin irritation.
Ingestion: May cause gastrointestinal irritation.
Other: Reports have associated prolonged and repeated occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Section 5 – First Aid Measures

Swallowing: If swallowed do not induce vomiting. Call Poison Control Center or hospital emergency room or physician immediately.

Inhalation: Remove to fresh air immediately. If breathing has stopped give artificial respiration. Keep warm and quiet. Get medical attention.

Eye: Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes, Get medical attention.

Skin: Remove contaminated clothing. Wash affected area with soap and water. Get medical attention if irritation persists.

Section 6 – Reactivity Data

Stability: Stable

Hazardous Polymerization: None

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

Incompatibility (conditions to avoid): None

Conditions to Avoid: Storing in high temperatures or exposing to open flames.

Section 7 – Precautions for Safe Handling

Steps to be taken in case material is released or spilled: Remove all sources of ignition. Permit only properly protected workers in the area with skin/eye protection and self-contained breathing gear. Absorb small spills with inert absorbent material. Contain spilled liquid to prevent contamination of soil, and surface water or ground water. Contact state, local and federal agencies to ensure compliance with current regulations.

Storage: Store containers in cool, dry and well-ventilated area away from all ignition sources. Prolonged exposure of cans to elevated temperatures may cause cans to rupture or burst.

Waste Disposal Method: Dispose of in accordance with all Federal, State, and Local regulations.

Section 8 – Control Measures

Respiratory Protection: If the TVL's listed in Section II are exceeded use a properly fitted NIOSH/MSHA approved respirator.

Ventilation: Local and mechanical ventilation are recommended to keep any hazardous ingredients listed in section II below the lowest exposure limit.

Eye Protection: Wear safety chemical splash goggles.

Hand Protection: Resistant plastic or rubber recommended.

Section 9 – Shipping Information

Proper Shipping Name: Adhesives Identification Number: UN1133 Hazard Class: 2 Packing Group: III

Section 10 – 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:

OSHA: Occupational Safety & Health Administration

NIOSH: National Institute for Occupational Safety and Health

SARA: Superfund Amendments and Reauthorization Act

TLV: Threshold Limit Value (ACGIH)

PEL: Permissible Exposure Limit (OSHA)

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/cum: milligrams per cubic meter of air

N/A: Not Applicable

HMIS: Hazardous Materials Identification System