

MSDS - Material Safety Data Sheet**Product Name: Aerosol Dust & Dirt Hardner**

EVIDENT, INC.

1-800-576-7606

www.EvidentCrimeScene.com

contact@evident.cc

MSDS No.: 638CA

I. Basic Information:**Manufacturer:** Sirchie Finger Print Laboratories**Address:** 100 Hunter Place**City, ST Zip:** Youngsville, NC 27596**Emergency Contact:** ChemTrec**Emergency Telephone Number:** 800-424-9300**Contact:** Tech Support**Information Telephone Number:** 919-554-2244**Last Update:** 01/19/2011**Expiration Date:****Chemical State:** Liquid Gas Solid**Chemical Type:** Pure Mixture

2	Health
4	Flammability
0	Reactivity
B	Pers. Protection

II. Ingredients: Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
122345	Diethylene glycol butyl ether	N/D							NE	NE	
34590948	Dipropylene glycol methyl ether	N/D							100 ppm	100 ppm	
141786	Ethyl acetate	N/D							400 ppm	400 ppm	24 F
110543	Hexane	N/D					X		500 ppm	500 ppm	
68476-85-7	Liquified Petroleum Gas	N/D							1000ppm	1000ppm	
79209	Methyl acetate	N/D							200 ppm	200 ppm	
108883	Toluene	N/D					X		100 ppm	100 ppm	45 F

III. Hazardous Identification:**Hazard Category:**
 Acute
 Chronic
 Fire
 Pressure
 Reactive
Hazardous Identification Information:

Contents extremely flammable and under pressure. Store below 120-degrees, out of sunlight and away from heat sources. Do not puncture or incinerate. Avoid contact with skin and eyes. Vapor harmful. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

EYES: Liquid or vapor may cause redness, burning, tearing, swelling and/or pain.

SKIN: Frequent or prolonged contact may result in defatting and drying of the skin, which may result in skin irritation and dermatitis.

INGESTION: Due to the product being an aerosol, product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat and gastrointestinal tract, resulting in vomiting and/or cramps.

INHALATION: Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, or confusion.

Skin contact may aggravate existing dermatitis.

CARCINOGEN DATA: None of the ingredients in this product are listed with OSHA, IARC or NTP as being carcinogenic.

MSDS - Material Safety Data Sheet

Product Name: *Aerosol Dust & Dirt Hardner*

MSDS No.: 638CA

IV. First Aid Measures:

Route(s) of Entry:

EYES, SKIN, INGESTION, INHALATION

Health Hazards (Acute and Chronic):

ACUTE: Inhalation may cause irritation of the respiratory tract or acute central nervous system depression.

CHRONIC: May cause chronic skin dermatitis.

Signs and Symptoms:

Vomiting, headache, dizziness, staggering gait, skin irritation.

Medical Conditions Generally Aggravated by Exposure:

Skin contact may aggravate dermatitis.

Emergency and First Aid Procedures:

EYES: Flush with water for at least 15 minutes, lifting upper and lower lids. Contact a physician.

SKIN: Remove with soap and water. Continue to flush for several minutes. Use skin cream to counter resulting dryness. Contact a physician.

INGESTION: DO NOT induce vomiting. If conscious, drink a glass of water or milk to dilute. Contact a physician immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, have qualified personnel administer oxygen. Contact a physician.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: 20 F

Lower Explosive Limit: NE

Upper Explosive Limit: NE

F.P. Method:

Fire Extinguishing Media: For warehouse or storage conditions, use NFPA Class B extinguishers (CO2, dry chemical or foam).

Special Fire Fighting Procedures:

EXTREMELY FLAMMABLE! Clear area of unprotected personnel. Use water spray to cool fire-exposed containers. Containers may rupture violently from heat-developed pressure.

Unusual Fire and Explosion:

When liquid or vapor come into contact with flames or hot metal, products of combustion are created. Wear self-contained breathing apparatus and protective clothing. Product will float and may be ignited on water surface.

VI. Accidental Release Measures:

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

WARNING-FLAMMABLE! Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Evacuate area of unprotected persons. Wear appropriate respirator and protective clothing. Shut off leak source if possible to do so safely.

CLEANUP: Dike and contain. Use water fog if vapor forms. Soak up residue with absorbent material such as clay, sand or other suitable material. Do not use combustible materials such as sawdust for cleanup. Place in safety containers for proper disposal.

VII. Handling and Storage:

Precautions to be Taken:

MSDS - Material Safety Data Sheet

Product Name: Aerosol Dust & Dirt Hardner

MSDS No.: 638CA

HANDLING: When using in a spray application, assure conformance with NFPA 33 Spray Applications using Flammable and Combustible materials.

STORAGE: Conform to NFPA 30: Flammable and Combustible Materials

EMPTY CONTAINERS: "Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged, and then disposed of according to local, state, and federal regulations.

Other Precautions:

Dispose of according to local, state, and federal regulations.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well ventilated areas.

Personal Protective Equipment:

SKIN: For brief contact, no precautions other than clean body covering should be needed. For prolonged or repeated contact wear chemical resistant gloves (see ingredients).

EYES: Wear safety glasses with side shields or chemical resistant goggles.

RESPIRATORY PROTECTION: When respiratory protection is needed due to prolonged exposure, use NIOSH approved respirator for organic vapor.

IX. Physical and Chemical Properties:

Boiling Point: <0° F

Melting Point: NA

Evaporation Rate (Butyl Acetate = 1): NA

Vapor Pressure (mm Hg.): NA

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): >1

Solubility in Water: Not soluble.

Appearance and Odor: Clear liquid/paint-like odor.

Other Information: FLAMMABLE!

X. Stability and Reactivity:

Stability:

Normally stable

Incompatibility (Materials to Avoid):

Strong oxidizers

Decomposition/By Products:

Oxides of carbon

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:

ACUTE ORAL LD50: Hexane >25 ml/kg (rat), Toluene >5 g/kg (rat), Ethyl Acetate >5 g/kg (rat), Methyl Acetate >5 g/kg (rat), Diethylene Glycol Butyl Ether >7 g/kg (rat).

ACUTE DERMAL LD50: Hexane >5 ml/kg (rabbit), Toluene >14 ml/kg (rabbit), Ethyl Acetate >20 ml/kg (rabbit), Methyl Acetate >20 ml/kg (guinea pig), Diethylene Glycol Butyl Ether >2 g/kg (rabbit).

ACUTE INHALATION LD50: LPG 57.42% v/v (mice), Hexane 73680 ppm/6h (rat), Toluene 8000 ppm/4h (rat), Ethyl Acetate >8000 ppm/4h (rat).

MSDS - Material Safety Data Sheet

Product Name: Aerosol Dust & Dirt Hardner

MSDS No.: 638CA

XII. Ecological Information:

This product has not been tested for environmental effects.

XIII. Disposal Considerations:

Dispose of according to local, state, and federal regulations.

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and banded, and then disposed of according to local, state, and federal regulations.

XIV. Transport Information:

IATA:

Proper shipping name: Aerosols, flammable

Hazard Class: 2.1

UN No. 1950

Hazardous Label: Flammable gas

Packaging Group: NA

XV. Regulatory Information:

TSCA: All ingredients listed on the TSCA inventory.

SARA Title II, Section 313: 40 CFR Part 372: Toluene (12.3%)

CWA: List of hazardous materials: Toluene

CAA: Toluene

CA Prop. 65: Toluene

XVI. Other Information:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

Using this product under normal, properly instructed procedures should not be hazardous.