

**MSDS - Material Safety Data Sheet****Product Name: Snow Impression Wax**

MSDS No.: SP1000

**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: 02/02/2011

Expiration Date:

Chemical State:  Liquid  Gas  SolidChemical Type:  Pure  Mixture

2	Health
4	Flammability
1	Reactivity
B	Pers. Protection

**II. Ingredients:** Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
67630	2-Propanol	34							400	400	
67641	Acetone	5							1000 ppm	750 ppm	-4 F
106978	Butane	13							800 ppm	800 ppm	
1317653	Calcium carbonate	1							NE	10 mg/m3	
100414	Ethylbenzene	1					X				
110190	Isobutyl acetate	9							150 ppm	150 ppm	
74986	Propane	14							1,000 ppm	1,000 ppm	-156 F
14807966	Talc	1							20 mppcf	2 mg/m3	
108883	Toluene	10					X		100 ppm	100 ppm	45 F
1330207	Xylene	1							100 ppm	100 ppm	81 F

**III. Hazardous Identification:**

Hazard Category:

 Acute Chronic Fire Pressure Reactive**Hazardous Identification Information:**

PHYSICAL HAZARDS: Extremely flammable. May cause flash fire. May form peroxides during prolonged storage.

MAJOR HEALTH HAZARDS: Respiratory tract irritation, skin irritation, eye irritation, central nervous system depression.

POTENTIAL HEALTH EFFECTS: Short term exposure: irritation, difficulty breathing, unconsciousness, headache, drowsiness, symptoms of drunkenness, blurred vision.

SKIN CONTACT: irritation (possibly severe).

INGESTION: Due to the product being an aerosol, ingestion is unlikely. Should ingestion occur, do not induce vomiting. Contact a physician immediately.

CARCINOGEN STATUS: Ethylbenzene is classified by IARC as possibly carcinogenic in humans.

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### IV. First Aid Measures:

#### Route(s) of Entry:

Inhalation, skin, eyes, ingestion. Note to physician: if inhalation occurs, consider the use of oxygen.

#### Health Hazards (Acute and Chronic):

ACUTE: Respiratory tract irritation, skin irritation, eye irritation, central nervous system depression.

#### Signs and Symptoms:

Irritation, difficulty breathing, drowsiness, symptoms of drunkenness, blurred vision.

#### Medical Conditions Generally Aggravated by Exposure:

None known at this time.

#### Emergency and First Aid Procedures:

Inhalation: Remove from exposure. Use bag valve mask or similar device to perform artificial respiration if needed. Keep warm and at rest. Get medical attention immediately.

Skin: Wash as needed. If frostbite, freezing or cryogenic burns occur, wash affected area with warm water. If this is not available, gently wrap affected parts in blankets. Allow circulation to return naturally. Get medical attention immediately.

Eyes: Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of material remains. Continue irrigating with normal saline until transport to a hospital. Cover with sterile bandages. Get medical attention immediately.

Ingestion: It is unlikely that emergency treatment will be required. Get medical attention if needed.

#### Other Health Warnings:

### V. Fire Fighting Measures:

Flash Point: -42 F

Lower Explosive Limit: NE

Upper Explosive Limit: NE

#### F.P. Method:

**Fire Extinguishing Media:** Use CO2, dry chemical, water spray. Move container from fire area if this can be done safely. Cool containers with water spray.

#### Special Fire Fighting Procedures:

Keep unnecessary people away, isolate area and deny entry. Remove sources of ignition. Ventilate closed spaces before entering. Wear full protective equipment and self-contained breathing apparatus.

#### Unusual Fire and Explosion:

Severe explosion hazard.

### VI. Accidental Release Measures:

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

Avoid heat, flames, sparks and other sources of ignition. Do not touch spilled material. Stop leak if possible without personal risk. Reduce vapors with water spray. Keep unnecessary people away. Isolate hazard area and deny entry. Remove sources of ignition. Ventilate closed spaces before entering.

### VII. Handling and Storage:

#### Precautions to be Taken:

Store and handle in accordance with all current regulations and standards. Material is subject to storage regulations: US ISHA 29 CFR 1910.106. Protect from physical damage. Store in a cool dry place away from flames, sparks and other ignition sources. Avoid temperatures in excess of 120 F.

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Other Precautions:

### VIII. Exposure Controls/Personal Protection:

#### Ventilation Requirements:

Provide local exhaust ventilation system. Ventilation should be explosion-resistant if explosive concentrations are present. This product is primarily for outdoor use.

#### Personal Protective Equipment:

Wear protective goggles, gloves and dust/organic vapor respirator. Protective clothing is not required.

### IX. Physical and Chemical Properties:

**Boiling Point:** -18 F

**Melting Point:** N/A

**Evaporation Rate (Butyl Acetate = 1):** N/A

**Vapor Pressure (mm Hg.):** N/A

**Specific Gravity (H2O = 1):**

**Vapor Density (AIR = 1):** 1.6

**Solubility In Water:** Largely insoluble.

**Appearance and Odor:** Reddish brown color, solvent odor.

**Other Information:** This product contains a flammable solvent/propellant.

### X. Stability and Reactivity:

#### Stability:

Stable.

#### Incompatibility (Materials to Avoid):

None known.

#### Decomposition/By Products:

May form explosive peroxides. Avoid heat, flames, sparks and other ignition sources. Aerosol containers may rupture or explode if exposed to heat.

#### Hazardous Polymerization:

Will not occur.

### XI. Toxicological Information:

Toxicity: 308 gm/m3 inhalation-rat LC50

Local effects: irritant, inhalation, skin, eyes.

Acute toxicity level: highly toxic: inhalation.

Target organs: central nervous system.

Prolonged inhalation may result in permanent brain and central nervous system damage.

### XII. Ecological Information:

None available.

### XIII. Disposal Considerations:

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US EPA 40 CFR 262. Hazardous Waste No.: D001: D003.

"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

Shipping name: Aerosols, flammable

Hazard class: 2.1

UN no.: 1950

Packing group: N/A

Hazard Label: Flammable Gas

### ***XV. Regulatory Information:***

SARA Hazard Categories: Sections 311/312 40 CFR 370.21.

Acute, Chronic, Fire, Reactive, Sudden Release: YES

OSHA Process Safety: 29 CFR 1910.119: NO

California Prop. 65: NO

EC No. (EINECS): 204-065-8

EC RISK:

R12-Extremely flammable

S2-Keep out of reach of children.

S9-Keep container in well-ventilated place.

S-16: Keep away from ignition sources, no smoking.

### ***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.