

MSDS - Material Safety Data Sheet**Product Name: Hi-Fi Volcano Latent Print Powder, Brilliant Red - 8 Oz.****MSDS No.: BPP298****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:** 01/20/2011**Expiration Date:****Chemical State:** Liquid Gas Solid**Chemical Type:** Pure Mixture

1	Health
2	Flammability
0	Reactivity
F	Pers. Protection

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

CAS No.	Chemical Name	% Range	EHS		IARC		SARA 313		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z						
9000015	Gum arabic	>16							NE	5 mg/m3	90 C
0	Lycopodium	>16							NE	NE	
7585413	Pigment red 48:1	>65							5 mg/m3	10 mg/m3	

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

May be dangerous if swallowed. Respiratory irritant. Skin irritant. Severe eye irritant.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

IV. First Aid Measures:**Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):**Signs and Symptoms:**

Eyes: Inflammation, redness, watering, itching

Medical Conditions Generally Aggravated by Exposure:

Respiratory, skin, eye diseases

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Emergency and First Aid Procedures:

Inhalation: Remove to fresh air. If breathing becomes difficult, give oxygen (To be administered by qualified medical personnel only!) If breathing stops, perform artificial respiration. Seek medical attention.

Ingestion: Never give anything by mouth to an unconscious person! Do not induce vomiting. If vomiting occurs, lower the head so that the vomit will not re-enter the mouth and throat. Seek medical attention.

Skin: Wash with soap and water. If irritation occurs, seek medical attention.

Eyes: Rinse with plenty of water for 15 minutes. DO NOT use an eye ointment. Seek medical attention.

Convulsions: Do not restrain the victim, but do remove objects with which they might injure themselves; or, orient the victim to prevent them from striking fixed heavy objects. If the convulsions cease, turn the victim on their side or face down, so that any fluid in the mouth can drain.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: >90 C

Lower Explosive Limit: NE

Upper Explosive Limit: NE

F.P. Method:

Fire Extinguishing Media: Carbon dioxide, dry chemical, aqueous foam, water spray or fog

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing. Cool containers with water jet to prevent pressure build-up, autoignition, or explosion.

Unusual Fire and Explosion:

Can pose dust explosion hazard if dispersed in air.

"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.

VI. Accidental Release Measures:

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

Wear dust respirator, safety goggles, and rubber gloves. Sweep up and place in bag or vacuum up with proper filter equipped instrument. Avoid creating dust. Ventilate and wash spill site after collecting solid. Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in tightly closed container. Keep cool and dry. Avoid ignition sources (heat, open flame, spark). Avoid incompatible materials. Protect from moisture. Ground all equipment containing material. Use only in well-ventilated areas. Avoid dust generation and accumulation. Avoid breathing dust. Do not ingest. Avoid contact with eyes. Wash thoroughly after handling.

Other Precautions:

"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.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas.

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Personal Protective Equipment:

Safety goggles, gloves, dust respirator, protective clothing

IX. Physical and Chemical Properties:

Boiling Point: NE

Melting Point: NE

Evaporation Rate (Butyl Acetate = 1): NE

Vapor Pressure (mm Hg.): N/A

Specific Gravity (H₂O = 1):

Vapor Density (AIR = 1): NE

Solubility In Water: Insoluble

Appearance and Odor: Fine red powder

Other Information:

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Strong oxidizing agents, ignition sources (heat, open flame, spark)

Decomposition/By Products:

Oxygen, carbon monoxide & dioxide, nitrous oxides, hydrogen chloride

Hazardous Polymerization:

Does not occur.

XI. Toxicological Information:

May be dangerous if swallowed. Respiratory irritant. Skin irritant. Severe eye irritant.

This substance is toxic to the lungs

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

Pigment red 48:1

This product contains barium and may be a characteristic waste under 40 CFR 261. Prior to disposal, a representative sample of this material should be tested using TCLP guidelines.

Hazardous waste no. (if applicable): D005

XIV. Transport Information:

Keep in tightly closed container. Keep cool and dry. Avoid ignition sources (heat, open flame, spark). Avoid incompatible materials. Protect from moisture. Ground all equipment containing material. Avoid dust generation and accumulation. Avoid breathing dust. Do not ingest. Avoid contact with eyes. Wash thoroughly after handling.

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XV. Regulatory Information:

Pigment red 48:1 is listed on the TSCA inventory.

OSHA: Lycopodium is hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

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XVI. Other Information:

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

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.