

**MSDS - Material Safety Data Sheet****Product Name: SHAKE-N-CAST****MSDS No.: SNC42****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  Solid**Chemical Type:**  Pure  Mixture

1	Health
0	Flammability
0	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					
9069801	Ammonium naphthalene sulfonate	0-4							NE	NE	
1309371	Iron oxide colorant	0-2							NE	NE	
26499650	Plaster of Paris	90-100							mg/m3	mg/m3	
9002895	Polyvinyl alcohol	0-4							NE	NE	
65997151	Portland cement	0-8							10	15/5	
7778805	Potassium sulfate	0-1							NE	NE	
9005258	Starch	0-2							10	15/5	

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

Non-flammable

ACUTE:

Eyes: Particles and Portland Cement may cause eye irritation.

Skin: When mixed with water this material hardens and then slowly becomes hot. Not to be used to make casts enclosing any part of the body. Failure to follow these instructions may cause burns. Contact my dry skin.

Inhalation: Large amounts of dust may cause coughing, sneezing and nasal irritation.

Ingestion: See emergency first aid procedures below.

CHRONIC: None known

TARGET ORGANS: Lungs

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

Eyes, inhalation, ingestion

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

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ACUTE: Irritation, CHRONIC: None known

### Signs and Symptoms:

Coughing, sneezing, nasal irritation.

### Medical Conditions Generally Aggravated by Exposure:

Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma.

### Emergency and First Aid Procedures:

EYES: Flush with water for 15 minutes. Contact a physician if irritation persists.

SKIN: Wash contaminated area with water

INHALATION: Remove to fresh air.

INGESTION: Plaster hardens when wetted and, if ingested, may result in obstruction. Contact a physician.

### Other Health Warnings:

May cause irritation to respiratory tract.

### V. Fire Fighting Measures:

Flash Point: N/A

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

### F.P. Method:

Fire Extinguishing Media: None specified. Non-flammable.

### Special Fire Fighting Procedures:

N/A

### Unusual Fire and Explosion:

N/A

### VI. Accidental Release Measures:

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

Do not use water. Sweep or vacuum and dispose in accordance with local regulations. If washed into drains it may cause blockage. If mixed with water, scrape up and wash down residue.

### VII. Handling and Storage:

#### Precautions to be Taken:

Store at room temperature in a dry location. Product contains separate water capsule that will freeze.

#### Other Precautions:

N/A

### VIII. Exposure Controls/Personal Protection:

#### Ventilation Requirements:

Provide general ventilation and local exhaust to meet TLV requirements. If handling dry powder, wear a dust mask and goggles to guard against nuisance particles.

#### Personal Protective Equipment:

Not normally required if product is used according to directions.

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### IX. Physical and Chemical Properties:

**Boiling Point:** Water-100 C

**Melting Point:** 1450 C

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

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

**Specific Gravity (H2O = 1):** 2.70000

**Vapor Density (AIR = 1):** N/A

**Solubility In Water:** 0.2%

**Appearance and Odor:** Whitish powder, low odor

**Other Information:** None

### X. Stability and Reactivity:

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Acids

**Decomposition/By Products:**

Above 1450 C - Calcium Oxide, Sulfur dioxide

**Hazardous Polymerization:**

None known

### XI. Toxicological Information:

If this product is used as indicated it is unlikely that any adverse health issues will occur. Inhalation or ingestion of significant amounts may cause respiratory irritation and/or gastric disturbances.

### XII. Ecological Information:

Prevent from entering streams and waterways. May be harmful to some aquatic life.

### XIII. Disposal Considerations:

Dispose of as solid waste in accordance with local, state and federal regulations.

### XIV. Transport Information:

Keep in closed container.

### XV. Regulatory Information:

Not regulated.

### 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.

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