MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATICRETE® Permacolor™ Grout

CHEMICAL FAMILY: Proprietary powder

MANUFACTURER'S NAME: LATICRETE INTERNATIONAL, INC.
1 Laticrete Park, N.
Bethany, CT 06524-3423 USA

Phone number for additional information: (203) 393-0010

Date prepared or revised: 1/09
Name of preparer: S.B. Fine

II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAMES</th>
<th>CAS NUMBERS</th>
<th>PERCENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER (SPECIFY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland cement</td>
<td>65997-15-1</td>
<td>16-20</td>
<td>10 mg/M3</td>
<td>50 mppcf</td>
<td></td>
</tr>
<tr>
<td>Silica Sand</td>
<td>14808-60-7</td>
<td>60-65</td>
<td>N/A</td>
<td>0.1 mg/M3</td>
<td></td>
</tr>
<tr>
<td>Calcium sulfate</td>
<td>7778-18-9</td>
<td>3-5</td>
<td>10 mg/m3</td>
<td>15 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Calcium hydroxide</td>
<td>1305-62-0</td>
<td>1-2</td>
<td>5 mg/m3</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Lithium carbonate</td>
<td>554-13-2</td>
<td>0-0.2</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Calcium Aluminate cement</td>
<td>065997-16-2</td>
<td>10-15</td>
<td>3 mg/m3</td>
<td>5 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

N/A = Not applicable or available

III. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) Chronic Bronchitis, possible silicosis, or cancer if exposed to greater than permissible limits for a prolonged period of time. Exposure to more than 5 mg/m3 without protection may cause birth defects in pregnant women.

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)
Inhaled: irritation to nose and throat, large doses may cause tremor or nausea. May cause damage to mucous membranes or respiratory tract.
Contact with skin or eyes: may cause skin irritation or burns and eye irritation or burns
Absorbed through skin: Not likely to occur
Swallowed: irritation to throat, nausea, inhalation or swallowing of large doses (over 500 mg/kg of body weight) may cause tremor or nausea

SUSPECTED CANCER AGENT?
_____ NO: This product's ingredients are not found in the lists below.

YES: _____ Federal OSHA _____ NTP _____ IARC
IV. FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: Rinse with soap and water. If irritation persists, seek medical attention.

Inhaled: Move to fresh air. If normal breathing does not resume, seek medical help.

Swallowed: Seek immediate medical help.

V. FIRE AND EXPLOSION

Flash Point method): Non-Flammable
Auto ignition temperature, °F: N/A
Flammable limits in air, volume %: Lower (LEL)_______ Upper (UEL)_______
Fire extinguishing materials:

____ x  water spray  ______ x  carbon dioxide  ______ other:
____ x  foam  ______ x  dry chemical

Special fire fighting procedures: None known.

Unusual fire and explosion hazards: None known.

VI. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Sweep up and return to container. Wear gloves, long sleeves, safety eye wear, and NIOSH approved dust mask.

Preparing wastes for disposal (container types, neutralization, etc.):

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

VII. Handling and Storage

Store in cool dry area.
VIII. Exposure Controls and Personal Protection

Ventilation and engineering controls: normal ventilation

Respiratory protection (type): NIOSH approved dust mask if TLV is exceeded

Eye protection (type): safety glasses or goggles

Gloves (specify material): leather or rubber gloves

Other clothing and equipment: long sleeved clothing

Work practices, hygienic practices: normal good housekeeping

Other handling and storage requirements: None Known.

Protective measures during maintenance of contaminated equipment: See above.

IX. PHYSICAL PROPERTIES

Vapor density (air=1): N/A

Melting point or range, °F: N/A

Specific gravity: N/A

Boiling point or range, °F: N/A

Solubility in water: insoluble

Evaporation rate (butyl acetate = 1): N/A

Vapor pressure, mmHg at 20°C: N/A

Appearance and odor: grey odorless powder

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist):

X. REACTIVITY DATA

Stability: x Stable

_____ Unstable

Conditions to avoid: None known.

Incompatibility (materials to avoid): incompatible with concentrated acids

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). None known.

Hazardous polymerization:

_____ May occur

x Will not occur

Conditions to avoid: None known.
XI. Toxicology Information

None known.

XII. Ecological Information

None known.

XIII. Disposal Information

Dispose in compliance with local, state, and federal regulations.

XIV. Transport Information

No special labeling or transportation placarding is required.

XV. Regulatory Information

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances.
W.H.M.I.S. Class D.2.
This product contains a chemical known to the State of California to cause cancer or reproductive harm.

XVI. Other Information

This information is furnished without warranty, representation, inducement or license of any kind; except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate.