

# LIFETIME FLOORS

Material Safety Data Sheet  
LifeTime Floors LLC  
575 Schommer Drive  
Hudson, WI 54016

## HMIS Ratings

Health 2  
Flammability 0  
Reactivity 1  
Personal Protection 0  
Equipment:

*Emergency Telephone Number*  
*CHEMTREC: (800) 424-9300*

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## I. IDENTIFICATION

Product Name: LifeTime Floors Artera Powder (Part A)  
Synonymous: N/A  
Chemical Family: Cement  
Chemical Formula: Proprietary  
Appearance & Odor: Various colored powder, general cement odor

## II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

<u>Chemical:</u>	<u>CAS No.</u>	<u>PEL</u>	<u>TLV</u>
Portland Cement	65997-15-1	5 mg/m3	10mg/m3
Silica, Crystalline Quartz	14808-60-7	5 mg/m3	0.05 mg/m3
Iron Oxide	1309-37-1	10 mg/m3	5 mg/m3
Crushed Marble	1317-65-3	5 mg/m3	5 mg/m3

## III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H2O = 1.0) N/A  
Boiling Point: N/A  
Melting Point: N/A  
Vapor Pressure: N/A  
Vapor Density: N/A  
Evaporation Rate: N/A  
Solubility in Water: Slight

**IV. FIRE EXPLOSION & REACTIVITY DATA**

<b>Flash Point:</b>	<b>Not combustible</b>
<b>Flammable Limits:</b>	<b>Not combustible</b>
<b>Firefighting Media:</b>	<b>Water fog, carbon dioxide (CO2)</b>
<b>Special Firefighting Procedure:</b>	<b>As with any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.</b>
<b>Unusual Fire Hazard:</b>	<b>This product is alkaline and releases considerable heat on contact with small amounts of water. Avoid contact between resulting hot alkaline paste and metallic aluminum. Such contact could generate hydrogen gas.</b>
<b>Reactivity:</b>	<b>Stable under recommended storage conditions.</b>
<b>Incompatibilities: agents.</b>	<b>Strong acids, strong bases, and strong oxidizing agents.</b>
<b>Decomposition or Byproducts:</b>	<b>No data available.</b>
<b>Hazardous Polymerization:</b>	<b>Will not occur under normal conditions.</b>

**V. HEALTH HAZARD DATA**

<b>Inhalation:</b>	<b>May cause irritation to respiratory tract.</b>
<b>Skin Contact:</b>	<b>In contact with moisture, can cause irritation or alkali burns.</b>
<b>Eye Contact:</b>	<b>Can cause severe irritation, redness, tearing, and blurred vision. Prolonged or repeated contact can cause burns and possibly corneal injury.</b>
<b>Ingestion:</b>	<b>May cause irritation to digestive tract.</b>
<b>Health Hazards:</b>	<b>Overexposure to wet cement may cause alkaline burns and dry skin. Free silica dust may cause delayed lung injury.</b>
<b>Carcinogenicity:</b>	<b>Silica is listed with IARC as a Class 2 carcinogen. Contains crystalline silica, which may cause lung damage or cancer. Risk depends upon duration and level of exposure.</b>

**Emergency and First Aid Procedures:**

- Inhalation:** Remove victim from exposure. If there is difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek immediate medical attention.
- Skin Contact:** Remove contaminated clothing immediately. Wash with soap and water. Seek medical attention if needed.
- Eye Contact:** Flush eyes with water for 15 minutes while lifting upper and lower lids. Seek medical attention.
- Ingestion:** Do not induce vomiting. Drink plenty of water. If person vomits, place in the recovery position.

**VI. SPILL PROCEDURES & WASTE DISPOSAL**

- Spill:** Using appropriate protective clothing, place material in poly drum and store in a safe place until material can be disposed of in accordance with regulations.
- Waste Disposal:** Dispose in accordance with Federal, State, and Local regulations.
- Precautions for Safe Handling and Storage:** Keep containers tightly closed. Store in a cool dry place.

**VII. PROTECTIVE CONTROL MEASURES**

- Respirator:** In case of insufficient ventilation wear suitable respiratory equipment.
- Ventilation:** Local exhaust and general ventilation is recommended.
- Eye Protection:** Wear safety goggles or glasses as needed to prevent eye contact.
- Protective Gloves:** Wear appropriate impervious gloves.
- Other Protective Clothing:** As needed to minimize contact.
- Special Protection:** N/A
- WORK/HYGIENE PRACTICES:** Efforts should be made to minimize contact. Always wash hands before eating, drinking, or smoking. **KEEP OUT OF REACH OF CHILDREN.**

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	<u>HMIS Ratings</u>
Health	2
Flammability	0
Reactivity	0
Personal Protection	B
Equipment:	

*Emergency Telephone Number*  
*Chemtrec: (800) 424 - 9300*

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## I. IDENTIFICATION

Product Name: LifeTime Floors Artera Liquid (Part B)  
Synonymous: N/A  
Chemical Family: Latex  
Chemical Formula: Proprietary  
D.O.T. Hazard Class: Not regulated  
Appearance & Odor: Milky white liquid. Latex odor.

## II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Composition	OSHA PEL	ACGIH TLV	CAS NO.
None	None	None	None

(No reportable quantities of hazardous materials are present)

## III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity: 1.05  
Boiling Point: 212 F  
Melting Point: 32 F  
Vapor Pressure: 1.0  
Vapor Density: Heavier than air  
Evaporation Rate: Same as water  
Solubility in Water: Dilutable

**IV. FIRE EXPLOSION & REACTIVITY DATA**

<b>Flash Point:</b>	No flash
<b>Flammable Limits:</b>	N/A
<b>Firefighting Media:</b>	This product will not burn in its liquid state until heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical, or carbon dioxide.
<b>Special Firefighting Procedure:</b>	Person exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
<b>Unusual Fire Hazard:</b>	There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.
<b>Reactivity:</b>	Stable
<b>Incompatibilities:</b>	None known. Materials, which are not compatible with water, will not be compatible with this product.
<b>Decomposition or Byproducts:</b>	Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia.
<b>Hazardous Polymerization:</b>	Will not occur.

**V. HEALTH HAZARD DATA**

<b>Inhalation:</b>	Inhalation of vapor or mist can cause irritation of nose, throat, and lungs and lead to headaches and nausea.
<b>Skin Contact:</b>	Prolonged or repeated contact may cause irritation.
<b>Eye Contact:</b>	Contact with eyes may cause irritation.
<b>Ingestion:</b>	Small amounts are not expected to be harmful. May cause nausea.
<b>Health Hazards:</b>	Inhalation or contact with eyes, skin, nose, or throat can cause irritation to sensitive people.
<b>Carcinogenicity:</b>	There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

### **Emergency and First Aid Procedures:**

- Inhalation:** Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped begin artificial respiration. Seek medical attention if condition persists.
- Skin Contact:** Wash contaminated area with soap and water. Remove and wash any contaminated clothes.
- Eye Contact:** Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.
- Ingestion:** If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

### **VI. SPILL PROCEDURES & WASTE DISPOSAL**

- Spill:** Do not let spilled or leaking material enter watercourse. May be toxic to aquatic life. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water. Wear appropriate protective equipment.
- Waste Disposal:** Dispose of in accordance with Federal, State, and Local regulations.
- Precautions for Safe Handling and Storage:** Keep from freezing; material may coagulate. The minimum recommended storage temperature is 34 F/1C, the maximum recommended storage temperature is 120F/49C. Keep away from incompatible materials. Keep containers tightly closed. Product has only 1 year shelf life, rotate stock.
- Other Precautions:** All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

### **VII. PROTECTIVE CONTROL MEASURES**

- Respirator:** No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.
- Ventilation:** General room ventilation is adequate.

**Eye Protection:** Wear safety glasses to reduce eye contact potential. Chemical safety goggles are appropriate if splashing is likely. Eye wash stations must be available where eye contact can occur.

**Protective Gloves:** Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing.

**Other Protective Clothing:** As needed to minimize contact with skin.

**Special Protection:** A source of clean water should be present for flushing eyes and skin.

**WORK/HYGIENE PRACTICES:** Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Always follow OSHA and company guidelines. **KEEP OUT OF REACH OF CHILDREN.**

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## I. IDENTIFICATION

Product Name:	LifeTime Floors Artera Speed-Set Powder (Part A)
Synonymous:	N/A
Chemical Family:	Cement
Chemical Formula:	Proprietary
Appearance & Odor:	Light gray powder, general cement odor

## II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

<u>Chemical:</u>	<u>CAS No.</u>
Iron Oxide	1345-25-1
Magnesium Oxide	1309-48-4
Calcium Oxide	1305-78-8
Silicon Dioxide	7631-86-9
Aluminum Oxide	1344-28-1
Sulfur Trioxide	7446-11-9
Crushed Limestone	1317-65-3

## III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H <sub>2</sub> O = 1.0)	N/A
Boiling Point:	N/A
Melting Point:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Evaporation Rate:	N/A
Solubility in Water:	Slight



#### **IV. FIRE EXPLOSION & REACTIVITY DATA**

<b>Flash Point:</b>	<b>Not combustible</b>
<b>Flammable Limits:</b>	<b>Not combustible</b>
<b>Firefighting Media:</b>	<b>Water fog, carbon dioxide (CO2)</b>
<b>Special Firefighting Procedure:</b>	<b>As with any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.</b>
<b>Unusual Fire Hazard:</b>	<b>This product is alkaline and releases considerable heat on contact with small amounts of water. Avoid contact between resulting hot alkaline paste and metallic aluminum. Such contact could generate hydrogen gas.</b>
<b>Reactivity:</b>	<b>Stable under recommended storage conditions.</b>
<b>Incompatibilities:</b>	<b>Strong acids, strong bases, and strong oxidizing agents.</b>
<b>Decomposition or Byproducts:</b>	<b>No data available.</b>
<b>Hazardous Polymerization:</b>	<b>Will not occur under normal conditions.</b>

#### **V. HEALTH HAZARD DATA**

<b>Inhalation:</b>	<b>May cause irritation to respiratory tract.</b>
<b>Skin Contact:</b>	<b>In contact with moisture, can cause irritation or alkali burns.</b>
<b>Eye Contact:</b>	<b>Can cause severe irritation, redness, tearing, and blurred vision. Prolonged or repeated contact can cause burns and possibly corneal injury.</b>
<b>Ingestion:</b>	<b>May cause irritation to digestive tract.</b>
<b>Health Hazards:</b>	<b>Overexposure to wet cement may cause alkaline burns and dry skin.</b>
<b>Carcinogenicity:</b>	<b>Not classified as a carcinogenic by IARC.</b>

**Emergency and First Aid Procedures:**

- Inhalation:** Remove victim from exposure. If there is difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek immediate medical attention.
- Skin Contact:** Remove contaminated clothing immediately. Wash with soap and water. Seek medical attention if needed.
- Eye Contact:** Flush eyes with water for 15 minutes while lifting upper and lower lids. Seek medical attention.
- Ingestion:** Do not induce vomiting. Drink plenty of water. If person vomits, place in the recovery position.

**VI. SPILL PROCEDURES & WASTE DISPOSAL**

- Spill:** Using appropriate protective clothing, place material in poly drum and store in a safe place until material can be disposed of in accordance with regulations.
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**VII. PROTECTIVE CONTROL MEASURES**

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- Other Protective Clothing:** As needed to minimize contact.
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Synonymous:	N/A
Chemical Family:	Latex
Chemical Formula:	Proprietary
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Appearance & Odor:	Milky white liquid. Latex odor.

## II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Composition	OSHA PEL	ACGIH TLV	CAS NO.
None	None	None	None

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Specific Gravity:	1.05
Boiling Point:	212 F
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<b>Hazardous Polymerization:</b>	Will not occur.

**V. HEALTH HAZARD DATA**

<b>Inhalation:</b>	May cause irritation to respiratory tract.
<b>Skin Contact:</b>	May cause skin irritation with over exposure, to sensitive people.
<b>Eye Contact:</b>	May cause eye irritation with overexposure.
<b>Ingestion:</b>	Nausea, and or vomiting may occur.
<b>Health Hazards:</b>	Inhalation or contact with eyes, skin, nose, or throat can cause irritation to sensitive people.
<b>Carcinogenicity:</b>	There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

### **Emergency and First Aid Procedures:**

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