

MATERIAL SAFETY DATA SHEET

**PLUG-CRETE**

Date Issued: May 1, 2010

Date Revised: May 1, 2010

SECTION I		Product and Company Identification	
Trade Name:	PLUG-CRETE 50# Pail		
Manufacturer:	Telephone No.	214/381-8100	
Lyons Manufacturing, Inc.	Fax No.	214/381-8158	
8900 Forney Rd.	Website:	<a href="http://www.lyonsmanufacturing.com">www.lyonsmanufacturing.com</a>	
Dallas, TX 75227-4505			
Emergency Phone:	214/381-8100		

SECTION II		Composition/Information on Ingredients	
<u>Ingredient Name:</u>	<u>CAS Number</u>	<u>Weight %</u>	
Silica Sand	14808-60-7	>40%	
Portland Cement	65997-15-1	20-30%	
Calcium Aluminate	65997-16-2	20-30%	

SECTION III		Hazards Identification	
	<u>HMIS Rating</u>		
Health	2	0 = Minimum	
Flammability	0	1 = Slight	
Reactivity	0	2 = Moderate	
Personal Protection	C	3 = Serious	
		4 = Severe	
<p><u>Potential Health Effects:</u> Note: Potential health effects may vary depending on duration and level of exposure and individual sensitivity. To reduce health hazards associated with this product, use personal protective gear and exposure control as indicated in Section 8.</p>			
<p><u>Eye Contact:</u> (Acute/Chronic) Cement dust can cause inflammation of the cornea. Prolonged exposure to larger amounts of material can lead to chemical irritation and possibly burns.</p>			
<p><u>Skin Contact:</u></p>			



**SECTION VI****Accidental Release Measures**

Scoop and sweep up. Place in containers for disposal in approved landfill.

**SECTION VII****Handling and Storage**

Handling Precautions: Store in cool dry area. Use only in a well ventilated area. Keep out of reach of children. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Storage: Keep container closed when not in use.

**SECTION VIII****Exposure Controls/Personal Protection**

Eye/Face Protection: Use safety glasses with side shields.

Hand Protection: Avoid skin contact. Wear rubber or plastic gloves.

Skin Protection: Avoid skin contact. Wear long sleeved, body covering clothes.

Respiratory Protection: Use a properly fitted NIOSH-approved respirator.

Work/Hygienic Practices: Avoid contact with skin, eyes and clothing. Wash exposed areas thoroughly with soap and water after handling.

Engineering Controls: Have good general and local exhaust ventilation in area.

Other/General Protection:

Ingredients – Exposure Limits:

Cement – Portland

ACGIH TLV-TWA – 10 mg/m<sup>3</sup>

OSHA PEL-TWA – 15 mg/m<sup>3</sup> (total dust)

OSHA PEL-TWA – 5 mg/m<sup>3</sup> (respirable dust)

Silica, Quartz

ACGIH TLV-TWA 0.1 mg/me (Notice of Intended Change)

ACGIH TLV-TWA 0.05 mg/m<sup>3</sup> (Proposed)

OSHA PEL-TWA 30/%SiO<sub>2</sub>+2 mg/m<sup>3</sup>

OSHA PEL-TWA 10/%SiO<sub>2</sub>+2 mg/m<sup>3</sup>

OSHA PEL-TWA 250/%SiO+5 mppcf

NIOSH REL-TWA - 5 mg/m<sup>3</sup> (respirable dust)

Calcium Aluminate

ACGIH TLV-TWA – 10 mg/m<sup>3</sup> (total dust)

ACGIH TLV-TWA – 5 mg/m<sup>3</sup> (respirable dust)

OSHA PEL-TWA – 15 mg/m<sup>3</sup> (total dust)

OSHA PEL-TWA – 5 mg/m<sup>3</sup> (respirable dust)

Trace Ingredients:

Due to the use of raw materials mined from the earth, trace amounts of other naturally occurring materials may be detected during chemical analysis. This may include materials considered harmful.

SECTION IX Physical and Chemical Properties	
<u>Appearance:</u>	Gray or White Mortar
<u>Odor:</u>	No odor
<u>Chemical Type:</u>	Mixture
<u>Physical State:</u>	Solid
<u>Solubility:</u>	Partially soluble

SECTION X Stability and Reactivity	
<u>Stability:</u>	Stable
<u>Hazardous Polymerization:</u>	Will not occur
<u>Conditions to Avoid (Stability):</u>	None known
<u>Incompatible Materials:</u>	None known
<u>Hazardous Decomposition Products:</u>	None known; material is highly alkaline, avoid contact with acids.

SECTION XI Toxicological Information	
<u>Conditions Aggravated by Exposure:</u>	Eye disease, skin disorders, chronic respiratory conditions.
<u>Ingredient(s) – Carcinogenicity:</u>	
Silica - Listed on the National Toxicology Program	
Listed in the IARC Monographs	
Crystalline silica is classified as a known human carcinogen.	

SECTION XII Ecological Information	
No information available	

SECTION XIII Disposal	
Dispose in accordance with applicable federal, state and local regulations.	

SECTION XIV Transportation Information	
Not regulated by Federal or State DOT	

SECTION XV Regulatory Information	
<u>U. S. Federal Regulations:</u> OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)	
All ingredients of this product are listed or are excluded from listing under the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.	

SARA Hazard Classes

Immediate Health Hazard

Chronic Health Hazard

SARA Section 313 Notification:

Does not contain any ingredient regulated under Section 313 of the Emergency Planning and Community Right-to-know Act of 1986 or 40CFR 372.

State Regulations:

California – Proposition 65: The chemicals noted above and contained in this product are known to the State of California to cause cancer, birth defects, or other reproductive harm.

Various other states – workplace hazard and/or hazardous substance.

**SECTION XVI**

**Other Information**

**Disclaimer**

The information in this Material Safety Data Sheet is accurate to the best of Lyons knowledge or is obtained from sources believed by Lyons to be accurate, but no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from its use. Since job and other conditions of use vary widely and are outside Lyons control, Lyons assumes no responsibility for any injuries which may occur in connection with any use of this product or information.

While MSDS do not change often, if in doubt, please contact Lyons Manufacturing, Inc. at 214/381-8100 for the most recent version or visit our website at [www.lyonsmanufacturing.com](http://www.lyonsmanufacturing.com).