

MATERIAL SAFETY DATA SHEET for LAMBCO PLUG

**Section 1 – Manufacturer Information**

Lambert Corporation  
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**Section 2 – Hazardous Ingredients**

*Hazardous Ingredients:*

Silica, Crystalline Quartz CAS #144808-60-7

Portland Cement CAS #65997-15-1

Calcium Aluminate Cement CAS #65997-16-2

*Non Hazardous Ingredients:*

Ground Limestone CAS #1317-65-3  
Calcium Chloride CAS # 10035-04-8

*OSHA PEL:*

8H TWA 0.1 mg  
(Quartz)/m<sup>3</sup>  
(respirable dust)  
8H TWA –  
10 mg/m<sup>3</sup>  
(total dust)  
8H TWA 10  
mg/m<sup>3</sup>

*ACGIH  
TLV:*

0.1 mg/m<sup>3</sup>  
(respirable  
dust)  
30 MPPCF  
  
30 MPPCF

*Other  
Limits:*

*Contents  
(%)*

GENERAL INFORMATION: To the best of our knowledge the information contained herein is correct. Lambert Corporation of Florida, Inc. assumes no responsibility for accuracy or completeness. User is responsible for suitability.

**FOR INDUSTRIAL USE ONLY.**

**HMIS Rating:** Health - 1 Flammability - 0 Reactivity - 0 Personal Protection - E

**Section 3 – Physical/Chemical Characteristics**

<i>Boiling Point:</i>	N/A	<i>Specific Gravity (H<sub>2</sub>O) = 1):</i>	2.7-3.2
<i>Vapor Pressure (mm Hg.):</i>	N/A	<i>Melting Point:</i>	N/A
<i>Vapor Density (AIR = 1):</i>	N/A	<i>Evaporation Rate (Butyl Acetate = 1):</i>	N/A

*Solubility in Water:* SLIGHTLY SOLUBLE  
*Appearance and Odor:* GREY POWDER, NO ODOR

**Section 4 – Fire and Explosion Hazard Data**

<i>Flash Point (Method Used):</i> N/A	<i>Flammable Limits</i>	<i>LEL</i>	<i>UEL</i>
<i>Extinguishing Media:</i> NO FIRE OR EXPLOSIVE DANGER	NON-FLAMMABLE	N/A	N/A

*Special Fire Fighting Procedures:* WATER MAY CAUSE MATERIAL TO SET UP. A SLURRY OF MATERIAL CAN PLUG DRAINS. WET CEMENT CAN DRY THE SKIN AND CAUSE ALKALI BURNS.  
*Unusual Fire and Explosion Hazards:* NO FIRE OR EXPLOSIVE HAZARD.

**Section 5 – Reactivity Data**

*Stability:*  Stable  Unstable

*Conditions to Avoid:* ALTHOUGH NO HAZARDOUS REACTION WILL OCCUR, PRODUCT SHOULD BE KEPT DRY UNTIL USED.

*Incompatibility (Materials to Avoid):* ACID

*Hazardous Decomposition of Byproducts:* N/A

*Hazardous Polymerization:*  May Occur  Will Not Occur

*Conditions to Avoid:*

**Section 6 – Health Hazard Data***Routes of Entry:*

Eyes: DUST IRRITANT

Inhalation: AVOID OVER-EXPOSURE

Skin: ABRASIVE

Ingestion: MAY CAUSE OBSTRUCTION

*Health Hazards (Acute and Chronic):* **ACUTE:** INHALATION OF SILICA DUST CAN PRODUCE SILICOSIS, WHICH IS A CHRONIC, SLOWLY DEVELOPING DISEASE. AVOID OVER-EXPOSURE TO THE AIRBORNE DUST. WET CEMENT CAN DRY THE SKIN AND CAUSE ALKALI BURNS. CEMENT DUST CAN IRRITATE THE EYES AND UPPER RESPIRATORY SYSTEM. **CHRONIC:** CEMENT DUST CAN CAUSE INFLAMMATION OF THE LINING TISSUE OF THE INTERIOR OF THE NOSE AND INFLAMMATION OF THE CORNEA. HYPERSENSITIVE INDIVIDUALS MAY DEVELOP AN ALLERGIC DERMATITIS.

*Carcinogenicity:* CLASSIFIED GROUP 2A BY IARC

NTP: N/A

IARC Monographs: LIMITED EVIDENCE AS A HUMAN CARCINOGEN.

OSHA Regulated: SEE INGREDIENTS UNDER SECTION I

*Signs and Symptoms of Exposure:* SHORTNESS OF BREATH, DIFFICULTY BREATHING, COUGHING AND PHLEGM PRODUCTION AND MORE COLDS OR INFECTIONS THAN USUAL.

*Medical Conditions Generally Aggravated by Exposure:* ANY BREATHING PROBLEMS OR UPPER RESPIRATORY AILMENTS.

*Emergency & First Aid Procedures:* **INGESTION:** MAY CAUSE AN OBSTRUCTION. CALL A PHYSICIAN IMMEDIATELY. **EYES:** FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES; CALL A PHYSICIAN. **INHALATION:** REMOVE TO FRESH AIR. **SKIN:** WASH THOROUGHLY WITH SOAP AND WATER – IF IRRITATION PERSISTS CALL A PHYSICIAN. **INHALATION:** REMOVE TO FRESH AIR.

**Section 7 – Precautions for Safe Handling and Use**

*Steps to be Taken in Case Material is Released or Spilled:* SWEEP UP BUT AVOID CREATING EXCESSIVE DUST. ADDITION OF WATER WILL CAUSE MATERIAL TO SET UP.

*Waste Disposal Method:* ANY APPROVED SOLID WASTE DISPOSAL METHOD. SLURRY OF MATERIAL MAY PLUG UP DRAINS.

*Precautions to be Taken in Handling and Storage:* USE A DUSTLESS SYSTEM FOR STORAGE AND CLEANUP IF POSSIBLE. USE A VACUUM SYSTEM TO CONTROL DUST. KEEP EQUIPMENT WELL MAINTAINED TO HELP CONTROL DUST.

*Other Precautions:* PRACTICE GOOD HOUSEKEEPING. ANY FOOD, DRINK, OR CHEWING PRODUCT SHOULD BE PROTECTED FROM THE DUST. PROTECT SKIN FROM PROLONGED CONTACT WITH WET CEMENT. PRECAUTION MUST BE TAKEN BECAUSE CEMENT BURNS OCCUR WITH LITTLE WARNING – LITTLE HEAT IS SENSED.

**Section 8 – Control Measures**

*Respiratory Protection (Type):* RESPIRATOR AS SPECIFIED IN OSHA STANDARD #1910.134

*Ventilation:*

Local Exhaust: TRY NOT TO GET DUST AIRBORNE.

Mechanical (General): N/A

Special: PROVIDE A CONSTANT FLOW OF FRESH AIR DURING APPLICATION.

Other: N/A

*Protective Gloves:* BARRIER CREAM, NEOPRENE OR RUBBER GLOVES.

*Eye Protection:* SAFETY GOGGLES IF PREFERRED.

*Other Protective Clothing or Equipment:* HAVE AN EYE BATH IN THE VICINITY OF USE.

*Work/Hygienic Practices:* THE PRODUCT, AS SHIPPED, DOES NOT POSE ANY INHALATION HEALTH HAZARD BECAUSE IT CONTAINS ESSENTIALLY NO PARTICLES IN THE RESPIRABLE SIZE RANGE. HOWEVER, IF DURING HANDLING OR USE, THE PARTICLES ARE BROKEN DOWN TO A SIZE THAT CAN BE INHALED, THE DUSTS MAY BE HARMFUL TO THE RESPIRATORY SYSTEM. PRACTICE GOOD HOUSEKEEPING.