

## Section I - IDENTIFICATION

**TRADE NAME:** **LAMBCO<sup>®</sup> KOOL PLUG**

**MANUFACTURER:** Lambert Corporation  
20 N. Coburn  
Orlando, FL 32805

**PREPARED BY:** Steve Kuhle

**PREPARATION DATE:** 8/29/2003

**TELEPHONE NUMBER:** (407) 841-2940

**EMERGENCY NUMBER:** (800) 424-9300 - Chemtrec



## Section II - HAZARDOUS INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS NUMBER</u>	<u>PEL OSHA (PPM)</u>	<u>TLV: ACGIH (PPM)</u>	<u>OTHER LIMITS</u>
Silica, Crystalline Quartz	14808-60-7	8H TWA 0.1 mg Quartz/m <sup>3</sup> (respirable dust)	0.1 mg/m <sup>3</sup> (respirable dust)	~25%
Portland Cement	65997-15-1	8H TWA - 10 mg/m <sup>3</sup> (total dust)	30 mppcf	~45%

GENERAL INFORMATION: This document supercedes all previous versions. 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.

<b>HMIS</b>	
Health	1
Flammability	0
Reactivity	0
Personal Protection	E

## Section III - PHYSICAL DATA / CHEMICAL CHARACTERISTICS

<i>Boiling Point</i>	N/A	<i>Specific Gravity (H2O = 1):</i>	2.2-3.0
<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
<i>Solubility in Water:</i>	Slight	<i>Appearance and Odor:</i>	Gray powder, odorless

## Section IV - FIRE AND EXPLOSION HAZARD DATA

*Flash Point (Method Used):* N/A

*Flammable Limits:* Non-Flammable *LEL:* N/A *UEL:* N/A

*Extinguishing Media:* NO FIRE OR EXPLOSIVE HAZARD

*Special Fire Fighting Procedures:* N/A

*Unusual Fire and Explosion Hazards:* N/A

## Section V - REACTIVITY DATA

*Stability:* **STABLE** ALTHOUGH NO HAZARDOUS REACTION WILL OCCUR, MATERIAL SHOULD BE KEPT DRY UNTIL USED.

*Incompatibility (Conditions or Materials to Avoid):* ACID

*Hazardous Decomposition of Byproducts:* N/A

*Hazardous Polymerization:* **WILL NOT OCCUR**

*Conditions to Avoid:* N/A

## Section VI - HEALTH HAZARD DATA

<i>Routes of Entry:</i>	<i>Eyes:</i>	DUST IRRITANT
	<i>Inhalation:</i>	AVOID OVEREXPOSURE
	<i>Skin:</i>	ABRASIVE
	<i>Ingestion:</i>	MAY CAUSE OBSTRUCTION

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

INHALATION OF RESPIRABLE SILICA DUST CAN PRODUCE SILICOSIS, WHICH IS A CHRONIC, SLOWLY DEVELOPING DISEASE. AVOID OVEREXPOSURE TO THE AIRBORNE DUST.

**ACUTE:** 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.

<i>Carcinogenicity:</i>	CLASSIFIED	GROUP 2A BY IARC
	NTP:	N/A
	IARC Monographs:	LIMITED EVIDENCE AS HUMAN CARCINOGEN
	OSHA Regulated:	SEE INGREDIENTS UNDER SECTION 1

### *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.
SKIN:	WASH THOROUGHLY WITH SOAP & WATER – IF IRRITATION PERSISTS, CALL A PHYSICIAN.
INHALATION:	REMOVE TO FRESH AIR.

## Section VII - PRECAUTIONS FOR SAFE HANDLING AND USE

### Steps to be taken in case Material is released or spilled:

SWEEP UP BUT AVOID CREATING EXCESSIVE DUST. THE ADDITION OF WATER WILL CAUSE THE MATERIAL TO SET UP.

### Waste Disposal Method:

ANY APPROVED SOLID WASTE DISPOSAL METHOD. A SLURRY MAY PLUG DRAINS.

### Precautions to be Taken in Handling and Storage:

USE A DUSTLESS SYSTEM FOR STORAGE & 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 CAN OCCUR ON SKIN - LOW HEAT SENSATION.

**FOR INDUSTRIAL USE ONLY**

**SHIPPING CLASS: 55**

## Section VIII - CONTROL MEASURES

<i>Respiratory Protection (Type):</i>	RESPIRATOR AS SPECIFIED IN OSHA STANDARD #1910.134
<i>Ventilation: Local Exhaust:</i>	MINIMIZE THE AMOUNT OF AIRBORN DUST
<i>Mechanical (General):</i>	N/A
<i>Special:</i>	PROVIDE A CONSTANT FLOW OF FRESH AIR DURING APPLICATION.
<i>Other:</i>	
Protective Gloves:	NEOPRENE, OR RUBBER GLOVES.
Eye Protection:	SAFETY GOGGLES IF PREFERRED
Other Protective Clothing or Equipment:	AN EYE BATH IS SUGGESTED IN THE VICINITY OF USE.
Work/Hygenic 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.