

LEHIGH PORTLAND CEMENT CO –
LEHIGH MASONRY CEMENTS -- 8030-00F045221

===== Product Identification =====

Product ID:LEHIGH MASONRY CEMENTS
MSDS Date:01/01/1991
FSC:8030
NIIN:00F045221
MSDS Number: BYLJM
=== Responsible Party ===
Company Name:LEHIGH PORTLAND CEMENT CO
Address:718 HAMILTON
Box:1882
City:ALLENTOWN
State:PA
ZIP:18105
Country:US
Emergency Phone Num:215-776-2650
CAGE:84837
=== Contractor Identification ===
Company Name:LEHIGH PORTLAND CEMENT CO
Box:UNKNOW
CAGE:84833
Company Name:LEHIGH PORTLAND CEMENT CO
Address:718 HAMILTON MALL
Box:1882
City:ALLENTOWN
State:PA
ZIP:18105
Phone:(215) 776-2600
CAGE:84837

===== Composition/Information on Ingredients =====

Ingred Name:PORTLAND CEMENT, CONTAINS: TRICALCIUM SILICATE, DICALCIUM
SILICATE, TRICALCIUM ALUMINATE, TETRACALCIUM ALUMINOFERRATE
CAS:65997-15-1
RTECS #:VV8770000
Other REC Limits:50 MPPCF (MSHA)
ACGIH TLV:10 MG/CUM (DUST)

Ingred Name:CALCIUM SILICON OXIDE
CAS:12168-85-3

Ingred Name:DICALCIUM SILICATE *95-3*
CAS:10034-77-2

Ingred Name:TRICALCIUM ALUMINATE *95-3*
CAS:12042-78-3

Ingred Name:TETRACALCIUM ALUMINOFERRATE *95-3*
CAS:12068-35-8

Ingred Name:GYPSUM
CAS:13397-24-5

RTECS #:MG2360000
Other REC Limits:5 MG/CUM RESP DUST
ACGIH TLV:10 MG/CUM

Ingred Name:CALCIUM OXIDE; LIME
CAS:1305-78-8
RTECS #:EW3100000
OSHA PEL:5 MG/CUM
ACGIH TLV:2 MG/CUM

Ingred Name:MAGNESIUM OXIDE, MAGNESIA
CAS:1309-48-4
RTECS #:OM3850000
OSHA PEL:15 MG/CUM
ACGIH TLV:10 MG/CUM

Ingred Name:POTASSIUM SULFATE
CAS:7778-80-5
RTECS #:TT5900000

Ingred Name:SODIUM SULFATE ANHYDROUS, SODIUM SULFATE
CAS:7757-82-6
RTECS #:WE1650000

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES/SKIN: HIGH CAUSTIC & WILL BURN
(AS SEVERELY AS THIRD-DEGREE). INHALATION: IRRITATE THE UPPER
RESPIRATORY SYSTEM. HYPERSENSITIVE INDIVIDUALS MAY DEVELOP AN
ALLERGIC DERMATITIS. A FRACTION OF THESE RESIDUES MAY BE FREE OF
CRYSTALLINE SILICA.

Explanation of Carcinogenicity:NONE
Effects of Overexposure:DRYNESS, BURNS, IRRITATION, INFLAMMATION.

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===== First Aid Measures =====

First Aid:EYES: IMMEDIATELY & REPEATEDLY W/WATER. SKIN: WASH AREAS
W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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===== Fire Fighting Measures =====

Flash Point:NON-COMBUSTIBLE
Unusual Fire/Explosion Hazard:NON-EXPLOSIVE.

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===== Accidental Release Measures =====

Spill Release Procedures:USE DRY CLEANUP METHODS THAT DON'T DISPERSE
THE DUST INTO THE AIR. AVOID BREATHING THE DUST. EMERGENCY
PROCEDURES AREN'T REQUIRED.

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===== Handling and Storage =====

Handling and Storage Precautions:KEEP DRY UNTIL USED. LARGE VOLUMES MAY
REQUIRE SPECIAL HANDLING.
Other Precautions:CEMENT MAY CONTAIN TRACE < 0.05% AMOUNTS OF CHROMIUM

SALTS/COMPOUNDS, HEXAVALENT CHROMIUM/OTHER METALS FOUND TO BE HAZARDOUS/TOXIC. A CEMENT BURN OCCURS W/VERY LITTLE WARNING AS LITTLE HEAT IS SENSED BY THE SKIN. AVOID BREATHING DUST.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE A MSHA/NIOSH APPROVED RESPIRATOR IN DUSTY ENVIRONMENTS.

Ventilation:LOCAL EXHAUST: TO CONTROL AIRBORNE DUST LEVELS.

Protective Gloves:IMPERVIOUS/ABRASION/ALKALI RESISTANT

Eye Protection:TIGHT FITTING GOGGLES

Other Protective Equipment:BARRIER CREAMS, BOOTS, PROTECTIVE CLOTHING.

Work Hygienic Practices:IMMEDIATELY AFTER WORKING W/CEMENT/CEMENT CONTAINING MATERIALS, WORKERS SHOULD SHOWER W/SOAP & WATER.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

Spec Gravity:2.9

Solubility in Water:SLIGHT

Appearance and Odor:GRAY, WHITE/VARIOUS COLORS OF POWDER; NO ODOR

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALUMINUM POWDER, OTHER ALKALI & ALKALINE EARTH ELEMENTS, HYDROGEN GAS, LIMESTONE, MARL, SAND, SHALE, CLAY.

Stability Condition to Avoid:HEAT, MOISTURE

Hazardous Decomposition Products:HYDROGEN GAS

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===== Disposal Considerations =====

Waste Disposal Methods:SMALL AMOUNTS OF MATERIAL CAN BE DISPOSED OF AS COMMON WASTE/RETURNED TO THE CONTAINER FOR LATER USE IF NOT CONTAMINATED, IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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