



1341 W. Mockingbird Lane
Dallas, TX 75247

HMIS

HEALTH	2
FIRE	0
PHYSICAL HAZARD	1
PPE	X

TXI Operations, LP

Material Safety Data Sheet

White Portland Cement 92.5 lb.

UPC#094138046139

SECTION 1 – IDENTITY

Distributed by: TXI Operations, LP
Address: 1341 W. Mockingbird Lane
Dallas, TX 75247
Product Name: White Portland Cement (TXIxxx)
Common Name: White Portland Cement
Chemical Name: N/A
Chemical Family: N/A
Formula: A heterogeneous mixture of basic calcium silicates, aluminates and ferrites together with small impurities of magnesia, chromium and complex alkali metal compounds.
Trade Name and Synonyms: White Portland Cement, Hydraulic Cement Type I
Special Certification: NSF/ANSI-61

Emergency Phone (CHEMTREC): 800-424-9300
Outside USA: 703-527-3887
Telephone for Information: Don Bell
972-647-7088
Telephone for Emergency: CHEMTREC
800-424-9300

MSDS prepared: January 1997

Last revised: June 2010

SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Name</u>	<u>CAS #</u>	<u>%Typical</u>	<u>TLV (Units)</u>	<u>PEL (Units)</u>
Portland Cement	65997-15-1	90-96	10 mg/m ³	5 mg/m ³ *
Gypsum	13397-24-5	2-5	10 mg/m ³	5 mg/m ³ *
* Respirable Fraction				

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists (ACGIH).

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Fine, white powder. No odor.
Boiling Point: N/A
Percent Volatile by Volume: 0
Percent Soluble in Water: Slight (0.1 – 1.0)
Specific Gravity (H₂O=1): 3.05-3.20
Vapor Density (Air=1): N/A
Reactivity in Water: Will not evolve flammable or toxic gases
Freezing Point: N/A
Vapor Pressure (mmHg): N/A
Evaporation Rate (n-Butyl Acetate=1): N/A
Volatile Organic Content: N/A

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point: Will not ignite
Auto Ignition Temperature: N/A
Extinguishing Media: N/A
Unusual Fire and Explosion Hazards: None
Special Fire Fighting Procedures: None
Flammable Limits in Air (% by Volume)
Lower: N/A
Upper: N/A

SECTION 5 – HEALTH INFORMATION

HMIS Rating:

HEALTH	2
FIRE	0
PHYSICAL HAZARD	1
PPE	X

(0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe, * = Chronic Health Hazard)

Signs and Symptoms of Exposure

Acute Overexposure:

Inhalation:

Irritation of the nose, throat and respiratory tract.

Eye Contact:

When wet, contact with eyes may result in irritation and/or alkali burns.

Skin Contact:

When wet, contact with the skin may result in irritation and/or alkali burns. Alkali burns may occur without causing immediate pain, thus the product should not be left in contact with the skin or indirectly contacting the skin by soaking through clothing. Immediately remove any product from the skin, and remove any clothing that has been in contact with the product to avoid alkali burns.

Ingestion:

May cause blockage and alkali burns of mouth, throat and stomach.

Chronic Overexposure:

Inhalation:

Cement dust can cause inflammation of the lining tissue of the interior of the nose.

Eye Contact:

May cause inflammation of the cornea.

Skin Contact:

Hypersensitive individuals may develop allergic dermatitis.

Medical Conditions Generally Aggravated by Exposure

Respiratory disorders or diseases, dermatitis, or other skin disorders may be aggravated by exposure.

Chemical/Component Listed as Carcinogen

None

Other Exposure Limits

None

Emergency & First Aid Procedures for Indicated Routes of Entry

Inhalation: Remove from exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

Eyes: Immediately flush eyes with large quantities of water for at least 15 minutes. Consult a physician.

Skin: Immediately wash skin thoroughly with soap and water. Alkali burns may occur without causing immediate pain, thus the product should not be left in contact with the skin or indirectly contacting the skin by soaking through clothing. Immediately remove any product from the skin, and remove any clothing that has been in contact with the product to avoid alkali burns.

Ingestion: Seek medical attention immediately.

SECTION 6 – REACTIVITY DATA

Stability: Stable

Conditions to Avoid: N/A

Incompatibility: Material is highly alkaline. Contact with acids will produce a violent, exothermic reaction and may evolve toxic gases or vapors, depending upon the acid involved.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition or Combustion Products: N/A

SECTION 7 – SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Leaked or Spilled:

Clean-up of spills may require personal protective equipment to prevent dust exposures and protect against alkali burns or irritation. See Section 8.

Waste Disposal Method:

If this material, as packaged, becomes a waste, it does not meet the criteria for a hazardous waste as defined by the Environmental Protection Agency under the authority of the Resource Conservation and Recovery Act (40CFR 261). Dispose of in accordance with Federal, State and Local regulations.

SECTION 8 – PERSONAL PROTECTION INFORMATION

Respiratory Protection

NIOSH/MSHA approved for protection against nuisance dusts.

Ventilation

General or local exhaust to maintain exposure below TLV/PEL.

Protective Gloves

Rubber, PVC, Neoprene or other impervious material.

Eye Protection

Goggles.

Other Protective Clothing or Equipment

Rubber high top boots, barrier creams, arm sleeves and aprons may be used, when necessary, to prevent skin contact.

SECTION 9 – SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing

Should be stored in a manner to prevent contact with strong acids. Contact with water should be avoided to preserve product.

Other Precautions

None

SECTION 10 – OTHER INFORMATION

MSDS Contact Information:

Technical Contact:

972-647-7088

To Request a MSDS or Check for Updates:

972-647-3886

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall TXI Operations, LP, or its affiliates, be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if TXI Operations, LP, or its affiliates, have been advised of the possibility of such damages.