



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/Lime Blend Type N 70 lb.

UPC #094138099913

SECTION 1 – IDENTITY

Distributed by: TXI Operations, LP
Address: 1341 W. Mockingbird Lane
 Dallas, TX 75247
Product Name: White Masonry Type N (TXIxxx)
Common Name: White Masonry Type N
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 blended with hydrated lime.
Trade Name and Synonyms: White Masons Mix Type N, Portland Cement/Lime Blend
Special Certification: None

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: June 1997

Last revised: June 2010

SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS #	%Typical	TLV (Units)	PEL (Units)
Portland Cement	65997-15-1	50 - 70	10 mg/m ³	5 mg/m ^{3*} 5 mg/m ^{3**}
Hydrated Lime	39445-23-3	40 - 50	5 mg/m ³	15 mg/m ^{3**}
Gypsum	13397-24-5	1 - 3	10 mg/m ³	5 mg/m ^{3*}
Quartz	14808-60-7	0 – 0.5	0.025 mg/m ^{3*}	<u>10 mg/m^{3*}</u> % SiO ₂ + 2 <u>30 mg/m^{3**}</u> % SiO ₂ + 2

* Respirable Fraction

** Total Dust

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): 2.80 – 3.00
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 nasal passages.

Eye Contact:

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

Skin Contact:

Irritation of skin. 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:

None

Chronic Overexposure:

Inhalation:

Cement dust and hydrated lime can cause inflammation of the lining tissue of the interior of the nose. Excessive exposure, by inhalation, to dusts of this material, over an extended period of time, may result in the development of pulmonary diseases including pneumoconiosis, silicosis or lung cancer.

Eye Contact:

Cement dust and hydrated lime can cause inflammation of the cornea.

Skin Contact:

Hypersensitive individuals may develop allergic dermatitis.

Ingestion:

None

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

Quartz:	NTP	IARC	OSHA
	YES	YES	NO

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: Consult a physician 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.