

TEXAS INDUSTRIES, INC. -- PORTLAND CEMENT -- 5610-00-242-3792

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Product Identification  
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Product ID:PORTLAND CEMENT

MSDS Date:11/01/1985

FSC:5610

NIIN:00-242-3792

MSDS Number: BJVZF

=== Responsible Party ===

Company Name:TEXAS INDUSTRIES, INC.

Address:715 AVE H. EAST

City:ARLINGTON

State:TX

ZIP:76010

Info Phone Num:(817) 640-1701

Emergency Phone Num:(817) 640-1701

CAGE:0B3F8

=== Contracto

r Identification ===

Company Name:TEXAS INDUSTRIES, INC

Address:715 AVE H. EAST

Box:City:ARLINGTON

State:TX

ZIP:76010

Phone:(214) 637-3100

CAGE:0B3F8

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Composition/Information on Ingredients  
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Ingred Name:PORTLAND CEMENT

CAS:65997-15-1

RTECS #:VV8770000

Fraction by Wt: 58%

Other REC Limits:50 MPPCF (MSHA)

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)

CAS:1317-65-3

RTECS #:EV9580000

Fraction by Wt: 40%

OSHA P

EL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9192

Ingred Name:GYPSUM  
CAS:13397-24-5  
RTECS #:MG2360000  
Fraction by Wt: 2%  
Other REC Limits:5 MG/CUM RESP DUST  
OSHA PEL:15 MG/CUM TOTAL DUST  
ACGIH TLV:10 MG/CUM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES/SKIN: DUST CAN CAUSE  
INFLAMMATION OF THE CORNEA, IRRITATION & ALKALI B  
URNS. INHALATION:  
IRRITATION TO NASAL PASSAGES, PULMONARY DISEASES, PNEUMONOCOSIS  
& SILICOSIS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES/SKIN: DUST CAN CAUSE INFLAMMATION OF THE  
CORNEA, IRRITATION, ALKALI BURNS, & ALLERGIC DERMATITIS.  
INHALATION: IRRITATION TO NASAL PASSAGES, PULMONARY DISEASES,  
PNEUMONOCOSIS & SILICOSIS.  
Medical Cond Aggravated by Exposure:RESPIRATORY DISORDERS/DISEASES,  
DERMATITIS, OTHER SKIN DISORDERS, & HYPERSENSITIVE.

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

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN:  
WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR OR  
OXYGEN IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point:WILL NOT IGNITE  
Unusual Fire/Explosion Hazard:CONTACT W/STRONG ACIDS MAY PRODUCE A  
VIOLENT, EXOTHERMIC REACTION & MAY EVOLVE TOXIC GASES OR VAPORS

DEPENDING UPON THE ACID INVOLVED.

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

Spill Release Procedures:CLEAN-UP OF SPILLS MAY REQUIRE PERSONAL PROTECTION EQUIPMENT.

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

Handling and Storage Precautions:STORE AWAY FROM STRONG ACIDS.  
UNINTENTIONAL CONTACT W/WATER SHOULD BE AVOIDED TO PRESERVE PRODUCT. MATERIAL IS HIGHLY ALKALINE.

Other Precautions:AVOID CONTACT W/SKIN, EYES & CLOTHING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED FOR PROTECTION AGAINST SILICA & NUISANCE DUSTS.

Ventilation:PROVIDE MECHANICAL/LOCAL EXHAUST VENTILATION TO KEEP