

# White Portland Cement

## Material Safety Data Sheet

### Section 1 - Identity

**Name:**

Argos White Portland Cement

**Address:**

6505 Blue Lagoon dr. Miami Florida 33126

**Date:**

October 2007

**Emergency Telephone Number:**

305 2670643

**Common Name (used on label):**

Argos White Portland Cement

**Chemical Name:**

NONE

**Trade Name & Synonyms:**

WHITE PORTLAND CEMENT

**Chemical Family:**

MIXTURE OF CALCIUM SILICATES AND ALUMINUM SILICATE

**Formula:**

DOES NOT APPLY

### Section 2 - Hazardous Ingredients

Hazardous Component	CAS#	% Typical	TLV (Units)	PEL (Units)
PORTLAND CEMENT	65997-15-1	79 - 91	10 mg/m3	5 mg/m3*
GYPSUM	13397-24-5	2 - 5	10 mg/m3	5 mg/m3*
CALCIUM HYDROXIDE	UNKNOWN	5 -12	2 mg/m3	5 mg/m3*

\*Respirable exposures. Total dust PELs are 15 mg/m3. \*\*This material contains less than 1% crystalline silica.

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

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

### Section 3 - Physical Data

Boiling Point	Specific Gravity (H2O=1)	Vapor Pressure (mm=Hg)
DOES NOT APPLY	2.94 - 3.18	DOES NOT APPLY
Percent Volatile by Volume	Vapor Density (Air=1)	Evaporation Rate (n=Butyl Acetate)
0%	DOES NOT APPLY	DOES NOT APPLY
Percent Soluble in Water	Reactivity in Water	Appearance and Odor
NEGLIGIBLE (<0.1%)	WILL NOT EVOLVE FLAMMABLE OR TOXIC GASES	FINE, WHITE POWDER, NO ODOR

**Hazardous Material Information System Identifier (HMIS)**

HEALTH = 2\* FLAMMABILITY = 0 REACTIVITY = 0 PERSONAL PROTECTION = X

\*Indicates possibility of chronic health effects.

## Section 4 - Fire and Explosion Data

### Flash Point

WILL NOT IGNITE

### Flammable Limits in Air (% by Volume)

Lower: DOES NOT APPLY Upper: DOES NOT APPLY

### Extinguishing Media

DOES NOT APPLY

### Auto Ignition Temperature

DOES NOT APPLY

### Unusual Fire and Explosion Hazards

NONE

### Special Fire Fighting Procedures

NONE

## Section 5 - Health Information

### Signs and Symptoms of Exposure - (1) Acute Over exposure

IRRITATION OF SKIN, EYES, NASAL PASSAGES AND RESPIRATORY SYSTEMS. WHEN WET, CONTACT WITH SKIN, EYES, OR DIGESTIVE TRACT MAY RESULT IN IRRITATION AND/OR ALKALI BURNS. DUST MAY CAUSE ABRASION OF THE CORNEA.

### Signs and Symptoms of Exposure - (2) Chronic Over exposure

CEMENT DUST CAN CAUSE INFLAMMATION OF THE LINING TISSUE OF THE INTERIOR OF THE NOSE AND INFLAMMATION OF THE CORNEA. 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 TO DUST OF THIS MATERIAL.

Chemical/Component Listed as Carcinogen	NTP	IARC	OSHA
NONE	NO	NO	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. OBTAIN MEDICAL ASSISTANCE. SKIN CONTACT: IMMEDIATELY WASH SKIN THOROUGHLY WITH SOAP AND WATER. INGESTION: CONTACT A PHYSICIAN IMMEDIATELY.

## Section 6 - Reactivity Data

### Stability

STABLE

### Conditions to Avoid

DOES NOT APPLY

### Incompatibility (Materials to Avoid)

MATERIAL IS HIGHLY ALKALINE. CONTACT WITH ACIDS WILL PRODUCE A VIOLENT, EXOTHERMIC REACTION AND MAY EVOLVE TOXIC GASES OR VAPORS, DEPENDING ON THE ACID INVOLVED.

### Hazardous Decomposition or Combustion Product

NONE

**Hazardous Polymerization**  
WILL NOT OCCUR

## **Section 7 - Spill or Leak Procedures**

### **Steps to be Taken in Case Material is Leaked or Spilled**

CLEAN-UP OF SPILLS REQUIRES PERSONAL PROTECTIVE EQUIPMENT TO PREVENT DUST EXPOSURES AND PROTECT AGAINST ALKALI BURNS OR IRRITATION. SEE SECTION 8.

### **Waste Disposal Method**

IF THIS MATERIAL, AS PROVIDED BY THE MANUFACTURER, BECOMES A WASTE, IT DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED BY THE ENVIRONMENTAL PROTECTION AGENCY UNDER THE AUTHORITY OF THE RESOURCE CONSERVATION AND RECOVERY ACT (40 CFR 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 MATERIALS.

### **Eye Protection**

GOGGLES OR FACE SHIELD WHEN NECESSARY TO PREVENT EYE CONTACT.

### **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 THE PRODUCT. AVOID CAUSING AIRBORNE DUST.

### **Other Precautions**

NONE DETERMINED