



BIGBOSS CEMENT INC.

18F, Units 1804-1805, The Podium West Tower, 12 ADB Avenue,
Ortigas Center, Mandaluyong 1550

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Material Safety Data Sheet

BIGBOSS PORTLAND BLENDED CEMENT with G-ASH™ (Type 1P & Type P)

SECTION I - IDENTIFICATION

Manufacturer's Name and Address

BIGBOSS Cement Inc.
28 Madison St., Barangay Barangka Ilaya
Mandaluyong City, 1550

Telephone No.

7-717-1609

Trade Name:

SECTION II – HAZARDOUS INGREDIENTS

Portland blended Cements are classified as nuisance dusts by OSHA (20 CFR 1910, 1000, Table Z-3) Portland blended cement is NOT listed by OSHA as a carcinogen or potential carcinogen.

SECTION III – COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Name and Synonyms

Portland-Pozzolan Cements (CAS#65977-15-1)

Chemical Family

Calcium Salts

SECTION IV – FIRST AID MEASURES

Swallowed: Rinse mouth and lips with water. Do not induce vomiting. Give water to drink to dilute stomach contents. If symptoms persist, seek medical attention.

Eyes: Remove the exposure source, do not rub eyes. If Person carries lenses of contact, remove them. Flush thoroughly with flowing water for 15 minutes to remove all traces. If symptoms such as irritation or redness persist, seek medical attention. If wet cement is splashed in the eye, always treat as above, and seek urgent medical attention.

Skin: Remove heavily contaminated clothing immediately. Wash-off skin thoroughly with water from 30 – 60 minutes. Use a mild soap if available. Shower if necessary. Seek medical attention for persistent irritation or burning of the skin.

Inhaled: Remove the source of inhalation, Remove the Person to fresh air, away from dusty area. If symptoms persist, seek medical attention.

First Aid Facilities: Eye wash station. Washing facilities with running water.

Advice to Doctor: Treat symptomatically. Wet cement burns to skin or eye may result in corrosive caustic burns. Ingestion of significant amounts of cement dry or wet is unlikely. Do not induce emesis or perform gastric lavage. Neutralization with acidic agents is not advised because of increased risks of exothermic burns. Water-mineral oil soaks may aid in removing hardened cement from skin. Ophthalmological opinion should be sought for ocular burns.

SECTION V – FIRE AND EXPLOSION AND HAZARD DATA

Flash Point

Portland blended cements are noncombustible and nonexplosive

Flammable or Explosive limits

Not applicable

Extinguishing Media

Not applicable

Special Firefighting Procedures

Not applicable

Unusual Fire & Explosion Hazards

None

SECTION VI – SPILL PROCEDURES

Steps to be taken in Case Materials is Spilled

Use dry clean-up methods that do not disperse the dust into the air

Waste Disposal Method

Materials can be returned to container for later use, or it can be disposed of as an industrial waste.

SECTION VII – HANDLING AND STORAGE

Handling: When supplied in bags, these need to be handled in accordance with manual handling Code of Practice.

Storage: Protect from moisture to prevent hardening. Storage of cement may be in concrete silos, steel bins, or plastic lined multi-ply paper bags.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

Threshold Limit Value

Respirable Dust – 5 mg/m³

Total Dust – 10 mg/m³

30 million Particles/ft³

Effects of overexposure

Acute: Wet cement, especially as an ingredient in plastic (unhardened) concrete, can dry the skin and cause alkali burns. Cement dust can irritate eyes and upper respiratory tract

Emergency and First Aid Procedures

Irrigate eyes with water, consult physician.

Wash exposed skin areas with soap and water.

Chronic: Cement dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the eye. Hypersensitive individuals may develop an allergic dermatitis (skin rash).

Respiratory Protection

In dusty environments, the use of approved respirator is recommended

Skin Protection

Use barrier creams, gloves, boots and clothing to protect the skin from prolonged contact with wet cement, especially in plastic (unhardened) concrete, immediately after working with cement workers should shower with soap and water. Precautions must be observed because cement burns with little warning – little heat is sensed.

Eye Protection

In dusty environments, the use of tight fittings is recommended.

Ventilation

Local exhaust can be used, if necessary, to control airborne dust levels.

SECTION IX – PHYSICAL AND CHEMICAL DATA

Boiling Point

Not applicable, as Portland blended cement is powdered solid

Vapor Pressure

Not applicable, as Portland blended cement is powdered solid

Vapor Density

Not applicable, as Portland blended cement is powdered solid

Solubility in Water

Slight (0.1 – 1.0 %)

Specific Gravity

3.15

Percentage Volatile by Volume

%

Evaporation Rate

Not applicable, as Portland blended cement is powdered solid

Appearance and Odor

Gray (or white) powder, no odor

SECTION X – STABILITY AND REACTIVITY

Stability

Product is stable. Keep dry until used

Incompatibility

None

Hazardous Decomposition Products

None

Hazardous Polymerization

Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

For questions regarding toxicological information, refer to contact information in Section I

SECTION XII – ECOLOGICAL INFORMATION

For questions regarding ecological information, refer to contact information in Section I

SECTION XIII – DISPOSAL CONSIDERATION

Cement can be treated as a common waste for disposal or dumped into a landfill site, in accordance with local authority guidelines. Keep material out of storm water and sewer drains.

SECTION XIV – TRANSPORT INFORMATION

Hazard Class : N/A

UN/NA : N/A

Packing Group : N/A

SECTION XV – REGULATORY INFORMATION

Blended cement is not classified as Dangerous Goods.

Classified as Hazardous according to the criteria of the National Occupational Health and Safety Commission (NOHSC).

SECTION XVI – OTHER IMPORTANT INFORMATION

Portland blended cement should only be used by knowledgeable persons. Inexperienced product users must obtain proper training before using this product. A key to using the product safely requires the user to recognize that Portland blended cement chemically reacts with water, and that some of the intermediate products of this reaction (that is, those present while a Portland blended cement product is “setting”) pose a far more severe hazard than does Portland blended cement itself.

While the information provided in this material safety data sheet is believed to provide a useful summary of the hazards of Portland blended cement as it is commonly used, the sheet cannot, and does not, anticipate and provide all of the information that might be needed in every situation. In particular, the data furnished in this sheet does not address hazards that may be posed by other material mixed with Portland blended cement products. Users therefore, should review other applicable material safety data sheets before working with this Portland blended cement or working on Portland blended cement products, for example, Portland blended cement concrete.

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