



GIB X-Block® Plasterboard

Revised 16/06/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: GIB X-Block® Plasterboard
Recommended use: Interior wall lining
Company: Winstone Wallboards
Address: P.O. Box 12 256
Penrose 1642, Auckland, NEW ZEALAND
Telephone Number: 09 633 0100
Emergency Contact Number: 0800 POISON (0800 764 166)
or for Emergency Services dial 111
Date of preparation: 19th February 2010

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification: N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients composition:

CHEMICAL NAME:	SYNONYMS:	PROPORTION:	CAS NUMBER:
Gypsum		>40	13397-24-5
Barium Sulphate		>50	7727-43-7
Paper (Cellulose Fibre)		<15	9004-34-6
Starch		<3	9005-25-8
<i>May Contain The Following:</i>			
Glass Fibre		<1	65977-17-3
Boric Acid		<0.5	10043-35-3
Crystalline Silica(Total From Above)		1.0	14808-60-7

SECTION 4: FIRST AID MEASURES

Ingestion: No harmful effects expected. No specific recommendation. If gastric disturbance occurs, call doctor.

Calcium Sulfate is non-toxic, however, ingestion of a sufficient quantity could lead to mechanical obstruction of the gut, especially in the pyloric region. Barium Sulphate is non-toxic, with no adverse reactions expected if swallowed. Large doses of boric acid absorbed into blood stream from ingestion may result in erythema, macular rash, nausea, diarrhoea, dizziness and CNS effects after 36-72 hours. Ingestion of 5 grams or more of boric acid may irritate gastrointestinal tract and affect central nervous system.

Eyes: Immediately flush thoroughly with water for 15 minutes to remove particles. If irritation persists, see doctor.



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- Skin:** Rinse with water, then wash with mild soap and water. A commercially available hand lotion may be used to treat dry skin areas. If skin has become cracked, take appropriate action to prevent infection and promote healing. If irritation persists, contact doctor.
- Inhalation:** Remove to fresh air. Leave the area of dust exposure and remain away until coughing and other symptoms subside. Other measures are usually not necessary, however if conditions warrant, contact doctor.

SECTION 5: FIRE FIGHTING MEASURES

- Flammability:** These products are nominally fire resistant and have the following surface burning characteristics as reported nationally recognised laboratories.
- Flame Spread:** 0 (AS1530.3 - Part 3 - 1989)
- Smoke Developed:** 5 (AS1530.3 - Part 3 - 1989)
- Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.
- Hazards from combustion:** Non combustible
- Protective precautions** Normal precautions and protection equipment apply for fire fighters
- HAZCHEM Code:** N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Emergency Procedures:** No special precautions

SECTION 7: HANDLING AND STORAGE

- Handling:** Following good safety practise. Ensure loads are tied down securely and keep dry. When carrying sheets follow good practise and use the appropriate safety equipment. **For cutting a dust mask must be worn.**
- Storage:** Store in a dry place. Store all GIB® X-Block plasterboard flat. Panels are heavy and can fall over, causing serious injury or death. Must be stacked flat to avoid serious injury.
- Follow normal good manual handling techniques when handling GIB® board, including evaluating the lift, your ability and capacity to lift, and any obstructions or hazardous conditions present in the area.
- Incompatibilities:** Loses strength if put into a wet state



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Standards: N/A

Engineering Controls: N/A

PERSONAL PROTECTION

Skin Protection:

The material is non-toxic. No toxic effects from powdered gypsum and/or barium sulphate are noticed where air contains contaminate to excess. May dry skin. This material exhibits some affinity for moisture, and frequent exposures may have a drying effect on the skin. Possible itching and irritation may be experienced. This may lead to dermatitis. No penetration of intact skin. Absorption of boric acid into the blood stream through damaged skin may result in erythema or macular rash

Eye & Respiratory Protection:

Avoid inhalation of dust. **When cutting GIB® X-Block a dust mask must be worn.** Dust created from product may cause eye, skin, nose, throat or upper respiratory irritation. Provide general ventilation and, if required, local exhaust ventilation to meet TLV requirements. Wear a NIOSH/MSHA-approved respirator if TLV exceeded and/or when dusty conditions exist to guard against nuisance particles.

General ventilation should be adequate but if necessary use local exhaust ventilation to keep exposures below TLV.

Inspirable dust depends upon cutting method. Zero will be present if score and snap but other cutting methods may generate dust.

Particles may cause irritation. Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Paper covered board with white core.

Odour: Low odour

pH, at stated concentration: Neutral

Vapour Pressure: N/A

Vapour Density: N/A

Boiling Point/Range (°C): N/A

Freezing/Melting Point (°C): N/A

Solubility in water: Looses strength when wet

Specific Gravity

(H₂O = 1): N/A

FLAMMABILITY: N/A

ADDITIONAL PROPERTIES

Evaporation Rate: N/A

% Volatiles: N/A

Volatile Organic

Compounds Content: N/A

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Decomposition: Will not occur

Conditions to avoid: None known

Hazardous polymerization: Above 1450°C could produce SO₂, CaO, BaO.



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SECTION 11: TOXICOLOGICAL INFORMATION

Health Effects: Acute (short term)

No harmful effects expected if swallowed. If gastric disturbance occurs contact doctor.

Skin:

Rinse with water, then wash with mild soap and water. A commercially available hand lotion may be used to treat dry skin areas. If skin has become cracked, take appropriate action to prevent infection and promote healing. If irritation persists contact doctor.

The following may occur only if dust is generated:

Health Effects: Chronic (long term)

Chronic overexposure to large amounts of crystalline silica can result in lung disease (ie, silicosis) and/or lung cancer.

Crystalline Silica

IARC: Group 1 **NTP:** Anticipated

In June, 1997, the International Agency for Research on Cancer (IARC) classified crystalline silica (quartz and cristobalite) as a human carcinogen. In making the overall evaluation, the IARC Working Group noted that carcinogenicity in humans was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs.

IARC states that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1).

SECTION 12: ECOLOGICAL & INFORMATION

Eco-toxicity:

Zero

Mobility:

N/A

Persistence and Degradability:

Paper Biodegradable Gypsum core itself is stable except with water and organic material if in anaerobic conditions and if anaerobic bacteria are present

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Information:

Preferable as compost additive or fertiliser, otherwise to landfill

SECTION 14: TRANSPORT INFORMATION

DG Class:

N/A

Subsidiary Risk 1:

N/A

Packaging Group:

N/A

HAZCHEM code:

N/A

Marine Pollutant:

N/A

Special Precautions for User:

Ensure loads are tied down securely and keep dry. When carrying sheets follow good safety practice and use the appropriate safety equipment.

SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION

- END OF SDS -