

Gib[®] X-Block Jointing Compound

**STATEMENT OF
 HAZARDOUS NATURE**

**AVOID EXPOSURE TO EXCESSIVE DUST AND
 ALWAYS WEAR AN APPROVED MASK WHEN
 SANDING.**

COMPANY DETAILS:

Company: Winstone Wallboards Ltd
Address: P.O. Box 12 256
 Penrose
 AUCKLAND
Telephone: (09) 633 0100
Facsimile: (09) 633 0101
Emergency Telephone Number: (03) 474 7000

IDENTIFICATION

PRODUCT INFORMATION:

Product Name: Gib[®] X-Block Jointing Compound
Synonyms:
Manufacturers Product Code: 14286
Product Group: Air Drying, Ready Mixed Joint Compounds
Chemical Family: Aqueous mixture of barytes and vinyl acetate polymer.
Product Use: Installation & repair of lead equivalent plasterboard
Dangerous Goods Class Not allocated

INGREDIENTS

Material	Content %	TLV mg m ⁻³	CAS No.
Water	20-40	NE	7732-18-5
Barytes	50-70	10	7727-43-7
Polyvinyl Acetate Emulsion	1-10	NA	9003-20-7
Attapulgate Clay	0-3	10	1332-58-7
Mica	0-3	3	12001-26-2
Perlite	0-3	10	73763-70-3
Modified Celluloses	0-1	NA	NA
Polysaccharides	0-1	NA	68412-91-9
Isothiazolinon Derivatives	<1	NA	9004-62-0
Crystalline Silica(Total From Above)	<0.20	NE	14808-60-7

NE Not Established NA Not Available

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PHYSICAL DATA

Appearance & Odour:	Fine Pale Blue Paste. Low Odour.
Boiling Point:	100 °C
Melting/Freezing Point:	0 °C
Specific Gravity (Water = 1):	2.1 - 2.3
pH:	7.0 – 8.5
Volatile Organic Compounds:	<2 g L ⁻¹
Hardening Time:	Varies depending on temperature and humidity. Contact manufacturer.

HEALTH HAZARD DATA

HEALTH EFFECTS:

Acute:	Swallowed:	No known effects.
	Eye:	Direct contact can cause mechanical irritation of eyes. If burning, redness, itching, pain or other symptoms persist or develop, consult doctor.
	Skin:	Direct, prolonged or repeated contact with the skin may cause irritation. Rubbing of this product against the skin can result in abrasions. Rinse with water until free of material to avoid abrasions, then wash skin thoroughly with mild soap and water. May dry skin. If irritation persists, consult doctor.
	Inhaled:	Inhalation of dusts from this product may irritate the nose, throat, lungs, and upper respiratory tract. Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions such as coughing, sneezing and nasal irritation from dust. Laboured breathing may occur after excessive inhalation. If respiratory symptoms persist, consult doctor.
Chronic:	Swallowed:	None known.
	Eye:	None known.
	Skin:	None known.
	Inhaled:	This product may contain small amounts of vinyl acetate monomer, vapours of which have been shown to cause tumours in the respiratory tract of laboratory animals. Chronic overexposure to vinyl acetate is not expected to occur during normal handling and use of this product. Vinyl acetate has been shown to cause irritation and cancer in inhalation studies with laboratory animals. Test levels of 600ppm over a lifetime caused an increase in tumours in the respiratory tract of the test animals. 200ppm caused irritation. No tumours were observed in the animals exposed at 50ppm or lower. There is no evidence of adverse effects to humans exposed to levels at or below the TLV.

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CARCINOGENICITY OF INGREDIENTS:

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).

EMERGENCY & FIRST AID PROCEDURES:

Treatment:	Swallowed:	No harmful effects expected. No specific recommendation. If gastric disturbance occurs, call doctor.
	Eye:	Immediately flush thoroughly with water for 15 minutes. If irritation persists, see 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.
	Inhaled:	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.
Target Organs:		Eyes, skin, and respiratory system.
Medical Conditions Which May Be Aggravated:		Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma.
Primary Route Of Entry:		Inhalation; Eye and/or Skin contact.
Facilities:		Eye wash bottles/tap.

PRECAUTIONS FOR USE

REACTIVITY DATA:

Stability:	Stable
Hazardous Polymerisation:	Will not occur
Conditions To Avoid:	None known.

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Hazardous Decomposition Products:

Stable under normal temperature and pressure. Product contains low level of organic volatiles, which may be emitted or released in application processes involving the use of heat. Vent all ovens and process vessels to the outside atmosphere. Thermal decomposition will produce H₂O, CO₂, CO, and acetic acid. Could produce vinyl acetate monomers when temperature is above 175°C.

PERSONAL PROTECTION INFORMATION:

Respiratory Protection: During mixing and general handling and sanding a two-strap type dust mask is suitable.

Ventilation: General or local ventilation during sanding of dried material.

Protective Equipment: Safety Glasses.

SAFE HANDLING PROCEDURES

SPILLS & DISPOSAL

Spill/Leak Procedures: Use normal clean up procedure. Spilled material can produce slippery conditions, be cautious to avoid falling. Wear appropriate protective equipment. Shovel material from spillage into a waste container for disposal.

Waste Disposal Method: To standard landfill.

FIRE & EXPLOSION DATA

Flash Point (Method Used): Non Combustible.

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Hazard: None

Special Fire Fighting Protective Equipment:: None

STORAGE & TRANSPORT:

Precautions In Storage: Keep from freezing. Store at temperatures less than 50 °C. Monomer vapours can be evolved when material is heated.

Precautions In Transport: Minimise exposures in accordance with good hygiene practice. During handling wear the appropriate respiratory, eye and skin protection if warranted per environmental conditions.

OTHER INFORMATION

KEEP OUT OF REACH OF CHILDREN