



GIB® All Bond Safety Data Sheet Revised 08/09/09

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

Product name: GIB® All Bond
Recommended use: Plasterboard to wood metal adhesive
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: 2nd September 2009

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification: Classified as Hazardous according to HSNO in New Zealand. Classified as a Dangerous Goods according to NZS5433:1999 Transport of Dangerous Goods on Land.

This product contains both volatile (solvents) and non-volatile components. During the normal use of this product, the hazardous volatile components evaporate and dissipate. The remaining non-volatile component is not hazardous.

Hazard Statement DANGER Highly flammable liquid and vapour. Precautions: keep away from ignition sources such as heat, sparks and open flames. Do not handle until safety precautions have been read and understood.

HSNO Classifications

- 3.1B Highly flammable liquid and vapour
- 6.1D Acute toxicity – Harmful if in contact with skin
- 6.3A Causes skin irritation
- 6.4A Causes severe eye irritation
- 6.8B Suspected damaging fertility or the unborn child
- 6.9B May cause damage to organs through prolonged or repeated exposure

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients composition:

CHEMICAL NAME:	SYNONYMS:	PROPORTION:	CAS NUMBER:
Toluene (Benzene, methyl)	N/A	Medium	108-88-3
n-Hexane	N/A	Low	110-54-3
Ethyl Benzene	N/A	Low	100-41-4



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SECTION 4: FIRST AID MEASURES

First aid Measures If poisoning occurs, contact the National Poison Centre (New Zealand 0800 POISON or 0800 764 766).

Ingestion:	Rinse mouth with water. Get medical advice immediately. Do NOT give anything to drink. Do NOT induce vomiting because of risk of aspiration. Never give anything by the mouth to an unconscious patient. Watch for toxic effects. Advice to Physician Treat symptomatically. Effects may be delayed.
Eyes:	Immediately hold open and flood with water for at least 15 minutes. Eyelids to be held open. Get medical advice.
Skin:	Remove contaminated clothing and wash skin with warm soapy water. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance.
Inhalation:	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

SECTION 5: FIRE FIGHTING MEASURES

Flammability:	Flammable Liquid
Suitable extinguishing media:	Do not use a water jet.
Hazards from combustion:	Unknown due to the complex nature of this material. Fumes from complete or incomplete combustion of this material may include carbon dioxide, carbon monoxide, water vapour, oxides of nitrogen or a wide variety of innocuous or toxic fumes. Solvent vapours may form explosive mixtures with air. Vapours are heavier than air and may spread along ground to sources of ignition.
Protective precautions and equipment for fire fighters:	Clear fire area of all non-emergency personnel. Wear full protective equipment, including self contained breathing apparatus. Suitable Extinguishing Media: water fog, foam, dry chemical, carbon dioxide. Keep adjacent containers cool by spraying with water.
HAZCHEM Code:	3[Y]E

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	Small Spills Extinguish all ignition sources. Avoid sparks, flames and heat. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (rag or paper towels). Collect and seal in properly labelled containers or drums for disposal or recycling. Large Spills Extinguish all ignition sources. Avoid sparks, flames, heat and the build up of static electricity. Consider evacuation of area and/or site. Alert Emergency Services if required. Slippery when spilt. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours by wearing appropriate respirator. Contain spill to prevent run off into drains and waterways. Use absorbent (rags, soil, sand, or other inert material). Collect using spark-free shovels (ie. plastic) and seal in properly labelled containers or drums for disposal or recycling. See Disposal section of this SDS for further details.
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SECTION 7: HANDLING AND STORAGE

- Handling:** Avoid breathing of or contact with material. Use only in well ventilated areas. Keep away from heat, sparks, open flames and any other sources of ignition. Static electricity must be avoided. Wear the appropriate personal protection equipment as specified in this SDS to prevent eye and skin contact. Wash thoroughly after handling.
- Storage:** Storage Store in a cool, dry, well ventilated place and out of direct sunlight. Keep away from heat, sparks, open flames and any other sources of ignition. Static electricity must be avoided. Store away from any incompatible materials as defined in Section 10 of this SDS. Keep containers closed when not in use. Check regularly for leaks. For unit sizes of 20 litres or more, store according to HSNO.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Workplace Exposure Standards:** Substance WES-TWA WES-STEL
Toluene (Benzene, methyl) 50 ppm -
n-Hexane 20 ppm -
Ethylbenzene 100 ppm 125
- Engineering Controls:** Use in a well ventilated area only. Vapour is heavier than air. Prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected. Keep containers in a well ventilated area. Explosion proof general and local exhaust ventilation system is required.
- PERSONAL PROTECTION**
- Skin Protection:** Avoid repeated and prolonged skin contact. Wear overalls or similar protective clothing. Wear solvent resistant gloves, and enclosed footwear.
- Eye & Respiratory Protection:** Avoid fume inhalation. Wear organic vapour respirator, especially if working in a poorly ventilated area. Selection of the correct cartridge is essential. Avoid eye contact. Wear safety glasses, goggles or appropriate face shield.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Thick green paste
Odour: Solvent
pH, at stated concentration: N/A
Vapour Pressure: N/A
Vapour Density: N/A
Boiling Point/Range (°C): °C 50 – 114
Freezing/Melting Point (°C): N/A
Solubility in water: Very low
Specific Gravity (H₂O = 1): 1.0
- FLAMMABILITY:**
- ADDITIONAL PROPERTIES**
- Evaporation Rate:** 9
% Volatiles: by weight 35



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SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	This material is stable when stored and used as directed.
Hazardous Decomposition Products:	Will react with strong oxidising agents.
Conditions to avoid:	Avoid heat, sparks, flames and any other sources of ignition. Incompatible Materials: strong oxidising agents.
Hazardous polymerization:	Thermal decomposition is highly dependant on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicology data:	Information given in this Safety Data Sheet is based on the data on the components and the toxicology of similar products. No adverse health effects are expected if the product is handled in accordance with this SDS and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:
Health Effects: Acute (short term) Swallowed:	Acute Oral Toxicity Harmful if swallowed. LD50 >2000 mg/kg bw.
Skin:	Skin Irritation Causes skin irritation. Acute Dermal Toxicity Harmful if contact with skin. LD50 >2000 mg/kg bw.
Inhalation:	Acute Inhalation Toxicity Harmful if inhaled. LC50 >20 mg/L in air.
Eyes:	Causes eye irritation.
Sensitisation (Respiratory & Contact)	Not expected to be a sensitiser.
Health Effects: Chronic (long term)	Target Organ Systemic may cause damage to organs through prolonged or repeated exposure.
Reproductive	Suspected of damaging fertility or the unborn child.
Mutagenicity	Not expected to be mutagenic.
Carcinogenicity	Not expected to be carcinogenic.

SECTION 12: ECOLOGICAL & INFORMATION

Eco-toxicity:	Acute Toxicity - Not harmful to aquatic life. Not ecotoxic in the soil environment. Not ecotoxic to terrestrial vertebrates. Not ecotoxic to terrestrial invertebrates.
Persistence and Degradability:	The solvent in this product is readily biodegradable. The remainder of the product is expected to biodegrade slowly. Bioaccumulation No data available on the product itself, however based on the individual ingredients, there is a low potential to bioaccumulate
Mobility:	Not miscible with water. Similar density to water.



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SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Information: Recycle or recover whenever possible. Dispose of substance to a hazardous or special waste collection point or through a licensed contractor. Normally suitable for incineration by an approved agent. Container Disposal Recycle if possible, or dispose of to a hazardous or special waste collection point. Beware: Empty flammable liquid drums present an explosion hazard if cut by flame or welding torch. Ensure drums are thoroughly cleaned and ventilated.

Local Legislation Disposal should be in accordance with Hazardous Substances (Disposal) Regulations 2001, and with any other applicable regional and national laws and regulations. Substance Disposal Do not dispose of down drains or into local waterways.

SECTION 14: TRANSPORT INFORMATION

DG Class: 3
Subsidiary Risk 1: Not applicable
Packaging Group: II
HAZCHEM code: 3[Y]E
Marine Pollutant: No - Marine Transport (IMDG) Identification Number 1133

Special Precautions for User: Land Transport (NZS 5433:1999 Transport of Dangerous Goods on Land)
UN Number 1133
Proper Shipping Name: ADHESIVES containing flammable liquid

SECTION 15: REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material. Environmental Risk Management Authority (ERMA) Group Standard Number: Surface Coatings and Colourants (Flammable) Group Standard 2006 HSR002662. Hazardous Substances and New Organisms Act (HSNO)

The following are trigger quantities for this substance by itself in a place.
Approved Handler Test Certificate 250 litres, when in containers > 5 litres, 500 litres, when in containers ≤ 5 litres

SECTION 16: OTHER INFORMATION

Safety Data Sheets are updated at least every 5 years. Obtain the latest version by visiting www.gib.co.nz

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use the product in the workplace. Since Winstone Wallboards Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Winstone Wallboards Limited. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is available upon request.

Key / Legend

HSNO Hazardous Substances and New Organisms Act 1996

WES-TWA The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.

WES-STEL The 15 minute average exposure standard. This applies to any 15 minute period in a working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to WES-TWA; both the short-term and time-weighted average exposures apply.



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Disclaimer This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

- END OF SDS -