



# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** FIX N GROUT

**Recommended Use:** Adhesive and grout for ceramic wall tiles.

**Supplier:** Selleys Pty Ltd  
**ABN:** 67 000 049 427  
**Street Address:** 1 Gow Street  
Padstow 2211  
Australia

**Telephone Number:** +61 2 9781 8777  
**Facsimile:** +61 2 9781 8825

**Emergency Telephone:** 1 800 033 111 (ALL HOURS)

## 2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

**Poisons Schedule:** None allocated.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components / CAS Number	Proportion	Risk Phrases
Barium sulfate 7727-43-7	30-60%	-
Calcium carbonate 471-34-1	30-60%	-
Synthetic polymer(s)	10-<30%	-
-		
Water 7732-18-5	10-<30%	-
Titanium dioxide 13463-67-7	1-<10%	-
Ingredients determined not to be hazardous	to 100%	-
-		

## 4. FIRST AID MEASURES

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For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.

- Inhalation:** Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.
- Skin Contact:** Wipe excess material from skin with a clean rag or paper towel (do NOT use solvent to clean skin). If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.
- Eye Contact:** If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.
- Ingestion:** Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.
- Medical attention and special treatment:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

- Hazards from combustion products:** Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning will emit toxic fumes.
- Precautions for fire fighters and special protective equipment:** Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
- Suitable Extinguishing Media:** Not combustible, however, if material is involved in a fire use: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

- Emergency procedures:** If contamination of sewers or waterways has occurred advise local emergency services.
- Methods and materials for containment and clean up:**  
SMALL SPILLS: Slippery when spilt. Avoid accidents, clean up immediately. Wipe up with rag or absorbent paper.  
LARGE SPILLS: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

## 7. HANDLING AND STORAGE

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**Conditions for safe storage:** Store in cool place and out of direct sunlight. Store away from incompatible materials described in Section 10. Protect from freezing. Keep containers closed when not in use - check regularly for leaks.

**Precautions for safe handling:** Avoid eye contact and repeated or prolonged skin contact.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Barium sulfate: 8hr TWA = 10 mg/m<sup>3</sup>  
Calcium carbonate: 8hr TWA = 10 mg/m<sup>3</sup>  
Titanium dioxide: 8hr TWA = 10 mg/m<sup>3</sup>

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

### Engineering controls:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

### Personal Protective Equipment:

Selleys Factory Safe Handling Code: Green

MANUFACTURE, PACKAGING AND TRANSPORT: Green - Wear clean overalls, safety boots, general purpose gloves (PVC) and safety spectacles. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

FOR CONSUMER USE: No special personal protective equipment required. Wash hands after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Paste
<b>Colour:</b>	White
<b>Solubility:</b>	Dispersible in water.
<b>Specific Gravity:</b>	1.88 @20°C
<b>Relative Vapour Density (air=1):</b>	N Av
<b>Vapour Pressure (20 °C):</b>	3.2 kPa
<b>Flash Point (°C):</b>	N App

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Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
% Volatile by Volume:	13
Melting Point/Range (°C):	N App
Boiling Point/Range (°C):	100
Decomposition Point (°C):	N Av
pH:	9
Viscosity:	400 Pa.s@25°C
Evaporation Rate:	N Av

## 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Avoid exposure to frost.
Incompatible materials:	Incompatible with acids and oxidising agents .
Hazardous decomposition products:	Oxides of carbon.
Hazardous reactions:	None known.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	No adverse effects expected, however, large amounts may cause nausea and vomiting. Swallowing calcium carbonate can result in the generation of uncomfortable quantities of carbon dioxide gas in the stomach.
<b>Eye contact:</b>	May be an eye irritant.
<b>Skin contact:</b>	Repeated or prolonged skin contact may lead to irritation.
<b>Inhalation:</b>	Not expected to cause respiratory irritation.
<b>Long Term Effects:</b>	No information available for the product.
<b>Toxicological Data:</b>	No LD50 data available for the product.

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

**Classification:** Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.

**Poisons Schedule:** None allocated.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

For further copies of this sheet or other product information contact Selleys Proprietary Limited Customer Service.

Phone: 1300 555 205 (Australia wide)

Fax: 1300 555 305 (Australia wide)

Phone: 9 820 4852 (New Zealand)

Fax: 0800 804 583 (New Zealand)

This material safety data sheet has been prepared by SH&E Shared Services, Orica.

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# Material Safety Data Sheet

**Reason(s) for Issue:**

5 Yearly Revised Primary MSDS

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Orica Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Orica representative or Orica Limited at the contact details on page 1.

Orica Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

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