

# Safety Data Sheet

## Hazardous, NON-Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **Multi Grip**

**Synonyms**

Multi Grip 600 mls ssg

**Product Code**

MULTIGRIP/SSG

**Recommended use:** Multi Grip is an acrylic construction adhesive for bonding timber, plasterboard, metal, concrete, FC sheeting and most common construction materials. It is especially suitable for bonding most types of timber to studs and joints. It will provide a high initial bond and allows some degree of flexibility for movement.

**Supplier:** Adheseal  
**ABN:** 16 010 441 013  
**Street Address:** 26 Wolverhampton Street  
Stafford  
Queensland 4053  
**Telephone:** (07) 3356 0000  
**Facsimile:** (07) 3356 0005  
**Email:** sales@adheseal.com.au

**Emergency Telephone number:** (07) 3356 0000

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to the criteria of Safe Work Australia GHS 7.



**Signal Word**

Warning

**Hazard Classifications**

Skin Corrosion/Irritation - Category 2

Eye Damage/Irritation - Category 2A

**Hazard Statements**

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

**Prevention Precautionary Statement**

P280 Wear protective gloves/protective clothing protective clothing, gloves, and eye protection.

**Response Precautionary Statements**

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.

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## Storage Precautionary Statement

Not allocated

## Disposal Precautionary Statement

Not allocated

**Poison Schedule:** S5. Caution

## DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

## 3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
1,2-Ethanediol	107-21-1	0.5 - 2 % (w/w)
Butyl methacrylate, methyl methacrylate, acrylic acid copolymer	74812-12-7	30-50 % (w/w)
Ingredients determined to be Non-Hazardous		Balance
		100%

## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Seek medical attention.

**Skin Contact:** Wash skin with water and soap and rinse thoroughly. Remove contaminated clothing. Seek medical attention if irritation, swelling or blisters occur.

**Eye contact:** Rinse opened eye for several minutes under running water. Seek medical attention (doctor or hospital) immediately.

**Ingestion:** Do not induce vomiting; Never give anything by mouth to an unconscious victim. call for medical help immediately.

**PPE for First Aiders:** Wear gloves, apron, safety glasses, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from Nitrile Rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Notes to physician:** Treat symptomatically. Give a copy of this SDS. Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Hazchem Code:** Not applicable.

**Suitable extinguishing media:** If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

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**Specific hazards:** Non-combustible material.

**Firefighting further advice:** Not applicable.

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up and place in a suitable, labelled container for waste disposal.

### LARGE SPILLS

Put on personal protective equipment (suitable respiratory protection, face and eye protection, protective suit, gloves and impermeable boots). Control source of leakage (where applicable). Dike the spill to prevent spreading and to contain additions of decontaminating solution. Prevent the material from entering drains. Estimate spill pool volume or area. Absorb and decontaminate. - Completely cover the spill with dry sand, dry earth, vermiculite or other similar absorbent.

**Dangerous Goods - Initial Emergency Response Guide No:** Not applicable

## 7. HANDLING AND STORAGE

**Handling:** Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.

**Storage:** Stored in cool and dry condition.

This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### National occupational exposure limits:

	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	
Ethylene glycol (particulate)	-	10	-	-	Sk
Ethylene glycol (vapour)	20	52	40	104	Sk

As published by Safe Work Australia.

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

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period which should not be exceeded at any time during a normal eight-hour workday.

'Sk' Notice - absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

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.

If the directions for use on the product label are followed, exposure of individuals using the product should not

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exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

**Engineering Measures:** Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well-ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator.

**Personal Protection Equipment:** GLOVES, APRON, SAFETY GLASSES, RESPIRATOR.



Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear gloves, apron, safety glasses, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from Nitrile Rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Hygiene measures:** Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Material Family:</b>	Aqueous Formulation
<b>Base Units:</b>	Litres
<b>Form:</b>	Viscous Liquid
<b>Colour:</b>	White
<b>Odour:</b>	Acrylic odour
<b>Solubility:</b>	Not Available
<b>Solubility in water:</b>	Miscible with water
<b>Specific Gravity:</b>	~ 1.35- 1.45 Kg/L
<b>Relative Vapour Density (air=1):</b>	Not Available
<b>Vapour Pressure:</b>	Not Available
<b>Flash Point (°C):</b>	Not Applicable
<b>Flammability Limits (%):</b>	Not Available
<b>Autoignition Temperature (°C):</b>	Not Available
<b>Melting Point/Range (°C):</b>	> 0
<b>pH:</b>	8 - 10
<b>Viscosity:</b>	Not Available
<b>Total VOC (g/Litre):</b>	47gm per litre

(Typical values only - consult specification sheet)  
N Av = Not available, N App = Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions.

**Conditions to avoid:** Store away from heat, direct sun and water.

**Incompatible materials:** Oxidizing material can cause a reaction.

**Hazardous decomposition products:** Carbon monoxide, Carbon dioxide containing gases.

**Hazardous reactions:** This product is non-reactive under normal conditions of use, storage and transport.

## 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:

### Acute Effects

**Inhalation:** It may cause breathing difficulties if inhaled.

**Skin contact:** It may cause skin irritation. May cause an allergic skin reaction.

**Ingestion:** Harmful if swallowed. May cause lung damage, if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.

**Eye contact:** It may cause eye irritation.

### Acute toxicity

**Inhalation:** This material has been classified as not hazardous for acute inhalation exposure. Acute toxicity estimate (based on ingredients):  $LC_{50} > 20.0$  mg/L for vapours or  $LC_{50} > 5.0$  mg/L for dust and mist.

**Skin contact:** This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients):  $LD_{50} > 2,000$  mg/Kg bw

**Ingestion:** This material has been classified as not hazardous for acute ingestion exposure. Acute toxicity estimate (based on ingredients):  $LD_{50} > 2,000$  mg/Kg bw

**Corrosion/Irritancy:** Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin).

**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

**Aspiration hazard:** This material has been classified as not an aspiration hazard.

**Specific target organ toxicity (single exposure):** This material has been classified as not a specific hazard to target organs by a single exposure.

### Chronic Toxicity

**Mutagenicity:** This material has been classified as not a mutagen.

**Carcinogenicity:** This material has been classified as not a carcinogen.

**Reproductive toxicity (including via lactation):** This material has been classified as not a reproductive toxicant.

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**Specific target organ toxicity (repeat exposure):** This material has been classified as not a specific hazard to target organs by repeat exposure.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Acute aquatic hazard:** No further relevant information available

**Long-term aquatic hazard:** No further relevant information available

**Ecotoxicity:** Harmless to terrestrial species. Harmful to bees. No further relevant information available

**Persistence and degradability:** The product is partially biodegradable.

**Bio-accumulative potential:** Risk of bioaccumulation in an aquatic species is low.

**Mobility:** Low mobility in soil.

## 13. DISPOSAL CONSIDERATIONS

Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow product to reach ground water, water course or sewage system.

## 14. TRANSPORT INFORMATION

### ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

### MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### AIR TRANSPORT

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

## 15. REGULATORY INFORMATION

### This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)  
The Stockholm Convention (Persistent Organic Pollutants)  
The Rotterdam Convention (Prior Informed Consent)  
Basel Convention (Hazardous Waste)  
International Convention for the Prevention of Pollution from Ships (MARPOL)

### This material/constituent(s) is covered by the following requirements:

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth): S5. Caution.

AICIS Status: Formulations where all components are AICS listed.

## 16. OTHER INFORMATION

Reason for issue: Revised

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer, it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.