

Hazardous Substance, NON - Dangerous Goods Australia

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: TPA 501R
Product Code(s): 105-752
Synonyms: None
Recommended Use: Adhesive
Supplier: Tiling Products Australia
Address: PO Box 33 Archerfield BC, Queensland 4108
Telephone numbers: +61 (7) 3722 3822
Email: info@tpa-aus.com.au
Emergency Contact: Australian Poisons Information Centre 13 11 26

2. HAZARDS IDENTIFICATION

Statement of hazardous / dangerous nature: This material is hazardous according to health criteria of Safe Work Australia. Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.



SIGNAL WORD

Danger

HAZARD CLASSIFICATIONS

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Irritation - Category 1

Specific Target Organ Toxicity (Single Exposure) - Category 3 Respiratory Tract Irritation

Specific Target Organ Toxicity (Repeated Exposure) - Category 2

HAZARD STATEMENTS

H315 Causes skin irritation.

H318 Causes serious eye damage.

Hazardous Substance, NON - Dangerous Goods Australia

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

PREVENTION PRECAUTIONARY STATEMENTS

P102 Keep out of reach of children.

P103 Read label before use.

P260 Do not breathe dust, fume, gas, mist, vapours or spray.

P264 Wash hands, face and all exposed skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

3. COMPOSITION INFORMATION

Chemical Name	CAS Number	Proportion
Quartz (SiO ₂)	14808-60-7	30-60%
Portland cement	65997-15-1	30-60%
Ingredients determined to be non-hazardous	-	To 100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 131 126)

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist..

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Skin Contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor or for 15 minutes and transport to Doctor or Hospital.

Eye Contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Notes to Physician: Treat symptomatically.

Hazardous Substance, NON - Dangerous Goods Australia

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable
Flammability: Will not ignite readily
Extinguishing media: All extinguishing media can be used.
List of dangerous decomposition or combustion products: Carbon oxides, Nitrogen oxides, fumes and smoke.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Large Spills: Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Precautions for clean-up crew: Slippery when spilt. Avoid accidents, clean up immediately.

7. HANDLING AND STORAGE

Handling: Avoid eye contact and skin contact. Avoid inhalation of dust.
Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for spills. This material is a Scheduled Poison Schedule 6 (Poison) and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Inspirable dust	-	10	-	-

Hazardous Substance, NON - Dangerous Goods Australia

Portland cement 65997-15-1	-	10	-	-
Quartz (respirable dust) 14808-60-7	-	0.1	-	-

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 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 following ingredients in this material requires Health Surveillance:

Crystalline silica

For detailed information see "Guidelines for Health Surveillance (Safe Work Australia)"

Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.
Engineering controls:	Showers Eyewash stations Ventilation systems.
Engineering Measures:	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

Personal protective equipment:



Hazardous Substance, NON - Dangerous Goods Australia

- Safety glasses with side shields
- Chemical goggles.
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience.
- Wear chemical protective gloves, e.g. PVC.
- Wear safety footwear or safety gumboots, e.g. Rubber.
- Overalls.
- P.V.C. apron.
- Barrier cream.

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 dust. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder.
Colour:	White.
Odour:	No odour.
Boiling Point:	Not applicable.
Flash Point:	Not applicable.
Flammability Limits:	Not flammable.
pH:	Not applicable.
Specific Gravity (20°C):	Approx. 1.20.
Solubility in Water:	Insoluble.
VOC g/L:	1.

10. STABILITY AND REACTIVITY

Chemical Stability:	This material is thermally stable when stored and used as directed.
Conditions to avoid:	High temperatures.

Hazardous Substance, NON - Dangerous Goods Australia

Materials to avoid: Oxidising agents and acids.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

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: Material is an irritant to mucous membranes and respiratory tract.
Skin contact: Contact with skin will result in irritation.
Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

Acute Toxicity

Inhalation: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >5 mg/L
Skin contact: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg.
Ingestion: This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg.
Corrosion/Irritancy: Eye: this material has been classified as a Category 1 Hazard (irreversible 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 non-hazardous.
Specific target organ toxicity (single exposure): This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in respiratory irritation.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Hazardous Substance, NON - Dangerous Goods Australia

Carcinogenicity:	This material has been classified as non-hazardous.
Reproductive toxicity (including via lactation):	This material has been classified as non-hazardous.
Specific target organ toxicity (repeat exposure):	This material has been classified as a Category 2 Hazard. Exposure via inhalation may result in harm to the respiratory system.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L
Mobility:	No information available.
Long-term aquatic hazard:	This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data. Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.
Ecotoxicity:	No information available.
Persistence and degradability:	No information available.
Bioaccumulative potential:	No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS. If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

Classification:	Not classified.
UN No.:	Not applicable.
Toxic Packaging Group:	Not applicable.
Hazchem:	Not applicable.

15. REGULATORY INFORMATION

HSNO Group Standard: HSR002544 - Construction Products (Subsidiary Hazard) Group Standard 2006

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)

Hazardous Substance, NON - Dangerous Goods Australia

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:

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

16. OTHER INFORMATION

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. MSDS may be obtained from the following website: www.tpa-us.com.au.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Tiling Products Australia. This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Tiling Products Australia cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Tiling Products Australia shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendation or information contained herein, from abnormal use of the material, or any hazard inherent in the nature of the material.

DOCUMENT CONTROL	
Product	TPA 501R
Initial Issue	April 2018
Technical Amendment	April 2023
Author	SR