


## Hazardous Chemical, NON - Dangerous Goods

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	TPA Lite S1
Product Code(s)	105-758
Synonyms	None
Relevant identified uses of the substance or mixture and uses advised against	
Recommended Use	Ceramic Tile Adhesive
Supplier	Tiling Products Australia
Address	PO Box 33 Archerfield BC, Queensland 4108
Telephone	+61 (7) 3722 3822
Email	info@tpa-us.com.au
Emergency Contact	Australian Poisons Information Centre 13 11 26

### 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture	
This material is Hazardous according to the criteria of Safe Work Australia GHS 7.	
Poisons Schedule	Not Applicable
Classification [1]	Skin Corrosion/Irritation - Category 2 Eye Damage/Irritation - Category 1 Specific Target Organ Toxicity (Single Exposure) - Category 3 Respiratory Tract Irritation
Single word	DANGER 
HAZARD STATEMENTS	
H315	Causes skin irritation.
H317	May Cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

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PRECAUTIONARY STATEMENTS - PREVENTION	
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P261	Avoid breathing dust/fume.
P264	Wash all exposed external body areas thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective clothing, gloves, eye/face protection and a suitable respirator.
PRECAUTIONARY STATEMENTS - RESPONSE	
P101	If medical advice is needed, have product container or label at hand.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
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.
P310	Immediately call a POISON CENTER or doctor/physician.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse
PRECAUTIONARY STATEMENTS - STORAGE	
P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
PRECAUTIONARY STATEMENTS - DISPOSAL	
P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.
Poison Schedule	Not Applicable

### 3. 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

SUBSTANCES		
See section below for composition of mixtures.		
Chemical Name	CAS Number	Proportion %
Portland cement	65997-15-1	30-60
Ingredients determined to be non-hazard	-	To 100

### 4. FIRST AID MEASURES

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

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<b>Ingestion</b>	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice
<b>Skin Contact</b>	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.
<b>Eye Contact</b>	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.

### Indication of any immediate medical attention and special treatment needed.

- Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	
<ul style="list-style-type: none"><li>• There is no restriction on the type of extinguisher which may be used.</li><li>• 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).</li></ul>	
<b>Special hazards</b>	Non-combustible material.
<b>Fire Incompatibility</b>	None known.
<b>Advice for firefighters</b>	Not Applicable
<b>Hazchem Code</b>	Not Applicable.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment, and emergency procedures</b>
See section 8.
<b>Environmental precautions</b>
See section 12.
<b>Methods and material for containment and cleaning up</b>

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<b>Minor Spills</b>	<p>Clean up all spills immediately.                  Avoid breathing dust and contact with skin and eyes.                  Wear protective clothing, gloves, safety glasses and dust respirator.                  Use dry clean up procedures and avoid generating dust.                  Collect and seal in properly labelled containers or drums for disposal.</p>
<b>Major Spills</b>	<p>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).                  Use dry clean up procedures and 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.</p>

### 7. HANDLING AND STORAGE

<b>Precautions for safe handling.</b>	
<b>Safe Handling</b>	<p>Avoid all personal contact, including eye and skin contact.                  Avoid inhalation of dust.                  Wear protective clothing when risk of exposure occurs.                  Use in a well-ventilated area.</p>
<b>Other Information</b>	Not Applicable
<b>Conditions for safe storage</b>	
<b>Storage</b>	<p>Store in original packaging.                  Store in a cool, dry, well-ventilated place and out of direct sunlight.                  Store away from sources of heat and/or ignition.                  Store locked up.                  Keep packaging closed when not in use - check regularly for spills.</p>
<b>Storage Incompatibility</b>	<p>Store away from foodstuffs.                  Store away from incompatible materials described in Section 10.</p>


### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Ingredients	TWA		STEL		Notes
	ppm	mg/m3	ppm	mg/m3	
Inspirable dust	-	10	-	-	-
Portland cement	-	10	-	-	-

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AS PUBLISHED BY SAFE WORK AUSTRALIA.

<b>TWA</b>	The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
<b>STEL</b>	(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.
<p>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.</p> <p>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.</p> <p>Respirable Silica Free Silica (Respirable crystalline Fraction) levels are below the concentration limit for carcinogens (0.1%) as per schedule 6 of the Model Work Health Safety Regulations 2023.</p>	
<b>Biological Limit Values</b>	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.
<b>EXPOSURE CONTROLS</b>	
<b>Appropriate engineering controls</b>	Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well-ventilated areas. Avoid generating and inhaling dust. Use with local exhaust ventilation or while wearing dust mask.
<b>Personal protection</b>	
<b>Hygiene measures</b>	Keep away from food, drink and animal feeding stuff. 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.
<b>Body protection</b>	See Other protection below
<b>Other protection</b>	Overall's. P.V.C apron. Barrier cream. Skin cleansing cream. Eye wash unit.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties			
Form	Powder	Flash point (°C)	Not Available
Colour	White	Flammability (%)	Not Available
Odour	Characteristic	Melting Point/Range (°C)	Not Available
Solubility	Mixes with water	Boiling Point/Range (°C)	Not Available
Specific Gravity	Not Available	pH	Approx 13
Relative density (Air = 1)	Not Available	Viscosity	Not Available
Vapour pressure	Not Available	VOC g/L	1

### 10. STABILITY AND REACTIVITY

Reactivity	See section 7.
Chemical Stability	This material is thermally stable when stored and used as directed.
Possibility of Hazardous reaction	See section 7.
Conditions to avoid	See section 7.
Incompatible materials	Oxidising agents.
Hazardous decomposition products	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous reactions	No known hazardous reactions.

### 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.
Ingestion	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Skin Contact	Contact with skin will result in irritation.
Eye	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.

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Acute Toxicity	
<b>Inhalation</b>	This material has been classified as not hazardous for acute inhalation exposure. Acute toxicity estimate (based on ingredients): LC50 > 5.0 mg/L for dust.
<b>Ingestion</b>	This material has been classified as not hazardous for acute ingestion exposure. Acute toxicity estimate (based on ingredients): LD50 > 2,000 mg/Kg bw
<b>Skin contact</b>	This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients): LD50 > 2,000 mg/Kg bw
<b>Corrosion/Irritancy</b>	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).
<b>Sensitisation</b>	Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser
<b>Aspiration hazard</b>	This material has been classified as not an aspiration hazard.
<b>Specific target organ toxicity (single exposure)</b>	This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in respiratory irritation.
Chronic Toxicity	
<b>Mutagenicity</b>	This material has been classified as not a mutagen.
<b>Carcinogenicity</b>	This material has been classified as not a carcinogen.
<b>Reproductive toxicity (including via lactation)</b>	This material has been classified as not a reproductive toxicant.
<b>Specific target organ toxicity (repeat exposure)</b>	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
This material has been classified as not hazardous for acute aquatic exposure. Acute toxicity estimate (based on ingredients): > 100 mg/L
Long-term aquatic hazard
This material has been classified as not hazardous for chronic aquatic exposure. 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.

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Ecotoxicity	No information available.
Persistence and degradability	No information available.
Bioaccumulative potential	No information available
Mobility	No information available

### 13. DISPOSAL CONSIDERATIONS

<b>Waste treatment methods</b>	
<b>Product / Packaging disposal</b>	<p><b>DO NOT allow wash water from cleaning equipment to enter drains.</b></p> <p>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.</p> <p>If possible, the material and its container should be recycled.</p> <p>If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.</p>

### 14. TRANSPORT INFORMATION

<b>ROAD AND RAIL TRANSPORT</b>
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".
<b>MARINE TRANSPORT</b>
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
<b>AIR TRANSPORT</b>
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

<b>This material is not subject to the following international agreements</b>
Montreal Protocol (Ozone depleting substances)
<b>The Stockholm Convention (Persistent Organic Pollutants)</b>
The Rotterdam Convention (Prior Informed Consent)
<b>Basel Convention (Hazardous Waste)</b>
International Convention for the Prevention of Pollution from Ships (MARPOL)



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**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): Not Applicable.

**AIIC Status: All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC).**

### 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-aus.com.au](http://www.tpa-aus.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 summarizes 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 Lite S1
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Author	SR