# SAFETY DATA SHEET
# TTC QLD URBAN LITE

Review Date: 20/3/2025
Original Document Date: 20/3/2025

TTC QLD PTY LTD

Classified as hazardous according to criteria of Worksafe Australia

## Section 1: Identification of the substance/mixture and of the company

**1:1 Product Identifier**

| | |
|---|---|
| Product Name: | TTC QLD Urban Lite Tile Adhesive |
| Other Names: | None |
| Product Code: | TTCQLITE |

**1:2 Relevant identified uses of the product**

| | |
|---|---|
| Application: | A flexible lightweight cement-based tile adhesive for wall & floor tiling. |

**1.3 Supplier details**

| | |
|---|---|
| Supplier: | TTC QLD Pty Ltd<br>(ABN: 30 306 671 905) |
| Address: | Unit 3, 13-15 Fishermans Rd Kuluin QLD 4558 |
| Phone: | (07) 5443 9191 |
| Emergency Phone: | (07) 5443 9191 |

The information contained in this safety data sheet is accurate on the date of issue and in accordance with the information available at that time. Persons dealing with products referred to in this safety data sheet do so at their own risk. TTC QLD Pty Ltd accepts no liability whatsoever for damage or injury, however caused, arising from use of this information or of suggestions contained herein.

## Section 2: Hazard Identification

**2:1 Classification of product**

Skin Corrosion/Irritation: Category 2 **(H315)**
Serious Eye Damage / Eye Irritation: Category 2A **(H319)**
Specific Target Organ Toxicity - Single Exposure: Category 3 Respiratory Irritation **(H335)**
Carcinogenicity: Category 1A **(H350i)**
Specific Target Organ Toxicity (Repeated Exposure): Category 2 **(H373)**

Dust may irritate throat and respiratory system and cause coughing.
Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. Dust or splashes from the mixture may cause permanent eye damage.
Dust has an irritating effect on moist skin. Prolonged contact with wet cement/mixture may cause burns.

Signal Word: **DANGER**

**Hazard Statements:**

| | |
|---|---|
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |
| H350i | May cause cancer by inhalation |
| H373 | May cause damage to organs through prolonged or repeated exposure |

**Precautionary Statements:**

| | |
|---|---|
| P203 | Obtain, read and follow all safety instructions before use. |
| P260 | Do not breathe dust |
| P280 | Wear protective gloves, mask, eye and face protection |
| P264 + P265 | Wash skin thoroughly after handling. Do not touch eyes. |
| P271 | Use only in well-ventilated area |
| P304+P340 | **IF INHALED:** Remove victim to fresh air and keep at rest in a position 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. |
| P337+P317 | If **EYE** irritation persists: Get medical help. |
| P302+P352 | **IF ON SKIN:** Gently wash with plenty of soap and water. |
| P332+P317 | IF **SKIN** irritation occurs: Get medical help |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P319 | Get medical help if you feel unwell |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local regulations |

**2.3 Other hazards**
Other hazards: N/A

# Section 3: Composition/Information on Ingredients

**3:1 Mixtures**
This product contains cement

| Chemical Name | CAS-No. | % | Hazard Classification |
|---|---|---|---|
| Portland Cement | 65997-15-1 | 35-45% | STOT SE HC-3<br>Skin Irritation HC-2<br>Eye Irritation HC-2A<br>STOT RE HC-2<br>Carcinogenicity HC-1A |

| | | | |
|---|---|---|---|
| Bentonite (Contains Quartz) | 14808-60-7 1302-78-9 | <2% | Carcinogenicity HC-1 STOT RE HC-2 |
| Non Hazardous Ingredients | N/A | Balance | N/A |

# Section 4: First Aid Measures

**4:1 Description of first aid measures**

Inhalation: Move subject to fresh air. Monitor and consult a physician if concerned

Skin Contact: Wash affected areas thoroughly with soap & water. Consult a physician if irritation persists

Eye Contact: Remove contact lenses if present. Flush eyes with large amount of water for at least 15 minutes, holding eyelids apart. Consult a physician if irritation persists

Ingestion: Flush mouth with copious amounts of water. Consult a physician. Do not induce vomiting

**4:2 Symptoms caused by exposure**

Inhalation: Dust may irritate airway and cause coughing Prolonged repeated exposure may result in lung diseases and cancer.

Skin Contact: Dust may irritate moist skin Prolonged exposure could result in allergic reaction such as a rash or burning sensation

Eye Contact: Contact with eye can cause permanent eye damage – immediately seek first aid

Ingestion: Can cause irritation to the throat and stomach

**4:3 Medical Attention and Special Treatment**

Treat symptomatically

# Section 5: Fire Fighting Measures

**5:1 Suitable extinguishing media**

This is a non-flammable material. Use suitable extinguishing media for the surrounding area.

**5:2 Specific hazards**

Non-Flammable. May evolve toxic gases if strongly heated

**5:3 Special protective equipment and precautions for fire fighters**

No fire or explosion hazard exists. Fire fighters should wear full protective clothing to prevent exposure to vapours or fumes.

## Section 6: Accidental Release Measures

**6:1 Personal precautions, protective equipment, and emergency procedures**
Wear appropriate clothing, gloves, eye protection and facemask to avoid inhalation and contact with skin or eyes.
Emergency Procedures: N/A
**6:2 Environmental precautions**
Do not allow this product to be released into storm water drains, creeks, or open bodies of water. Dispose in accordance with local regulations.
**6:3 Methods and materials for contaminant and cleaning up**
In dry form: Vacuum where possible. Sweep with a brush or broom.
In wet form: Cover any drains and wipe product with a cloth. Dispose in accordance with local regulations.
**6.4 Reference to other sections**
See Sections 8 and 13 for exposure controls and disposal.

## Section 7: Handling and Storage

**7:1 Precautions for safe handling**
Before use read packaging and safety data information. Avoid contact with skin and eyes. Avoid inhalation of dust by wearing appropriate face mask.
Ensure appropriate PPE is worn when handling and using product.
Do not eat, drink, or smoke while handling product. Wash hands thoroughly after use.
**7:2 Conditions for safe storage, including any incompatibilities**
**P403+P233:** Store in cool, dry, well-ventilated place. Keep container tightly closed.
**P405** Store locked up.
Incompatibilities: Oxidising agents, ethanol acids, interhalogens, fluorine, magnesium with hydrogen.

## Section 8: Exposure Controls and Personal Protection

**8:1 Control parameters**
The exposure limits for ingredients are listed below

| Chemical Name | CAS No. | Exposure Limit | Type | References |
|---|---|---|---|---|
| Portland Cement – respirable dust | 65997-15-1 | 10 $mg/m^3$ | TWA | Safe Work Australia |
| Quartz (Respirable Dust) | 14808-60-7 | 0.05mg/m3 | TWA | Safe Work Australia |

**8:2 Exposure controls**
Avoid inhalation. Use only in well ventilated areas. Where an inhalation risk does exist, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.
**8:3 Personal protective equipment (PPE)**
Wear P1 or P3 face respirator mask to avoid breathing dust
Wear protective gloves
Wear dust proof goggles/face shield
Wear protective clothing including boots

The use of barrier cream is recommended
Remove all contaminated PPE carefully to avoid contact with skin or eyes.
Wash contaminated clothing thoroughly before reuse.
Wash skin with soap and water after work
**Environmental exposure controls:** Not available

## Section 9: Physical and Chemical Properties

**9:1 Physical and chemical properties**

| | |
|---|---|
| Appearance | A white powder |
| Odour | Cement |
| Odour threshold | N/A |
| pH | 10-13 |
| Melting point/Freezing Point | No Data Available |
| Boiling point/Boiling range | No Data Available |
| Flash point | No Data Available |
| Evaporation rate | No Data Available |
| Flammability (Solid, Gas) | No Data Available |
| Upper/lower flammability or explosive limits | No Data Available |
| Vapour pressure | No Data Available |
| Vapour Density | No Data Available |
| Relative Density | No Data Available |
| Solubility (water) | Partly soluble |
| partition coefficient: n-octanol/water | No Data Available |
| Auto ignition temp | No Data Available |
| Decomposition Temperature | No Data Available |
| Viscosity | No Data Available |
| VOC (Volatile Organic Compounds) | < 1 g/L |

## Section 10: Stability & Reactivity

**10:1 Reactivity**
None known
**10:2 Chemical stability**
Product is stable under normal temperature, conditions & storage recommendations
**10:3 Possibility of hazardous reactions**
Hazardous polymerisation not expected to occur

**10:4 Conditions to avoid**
Extreme heat.
**10:5 Incompatible materials**
Oxidising agents, ethanol acids, interhalogens, fluorine, magnesium with hydrogen.
**10:5 Hazardous decomposition products**
May evolve toxic gases if heated to decomposition

## Section 11: Toxicological Information

**11:1 Information on possible routes of exposure**

| | |
|---|---|
| **Acute Toxicity** | No data available |
| **Skin corrosion/irritation** | Repeated or prolonged exposure to skin can cause dermatitis or skin irritation |
| **Serious eye damage/irritation** | Exposure can cause serious conjunctivitis, blepharitis, and general irritation to the eyes |
| **Respiratory or skin sensitisation** | Dust can irritate airways. Prolonged exposure may cause coughing or wheezing |
| **Germ Cell Mutagenicity** | No Data Available |
| **Carcinogenicity** | This product is a category 1 carcinogen and can cause cancer through inhalation. Prolonged repeated exposure may cause lung diseases, cancer, and silicosis. |
| **Reproductive Toxicity** | No Data Available |
| **Specific Target Organ Toxicity (STOT)—single exposure - Respiratory tract irritation** | Can cause coughing and irritation to airway |
| **Specific Target Organ Toxicity (STOT)—repeated exposure** | Repeated exposure over a long period of time may cause coughing and phlegm, shortness of breath and wheezing. |
| **Aspiration Hazard** | No Data Available |

**11.2 Early onset symptoms related to exposure**

| | |
|---|---|
| **Acute Toxicity** | No data available |
| **Skin corrosion/irritation** | In powder or wet form may result in irritation. Symptoms include redness, itching & swelling |
| **Serious eye damage/irritation** | Contact with moisture in the eyes may result in irritation, pain, redness, lachrymation, conjunctivitis, and possible alkaline burns. |
| **Respiratory or skin sensitisation** | Some individuals may experience an allergic skin or respiratory reaction. Skin sensitisation symptoms include redness, itchiness & swelling. Respiratory symptoms include coughing & wheezing. |

| | |
|---|---|
| **Germ Cell Mutagenicity** | No Data Available |
| **Carcinogenicity** | Early onset symptoms of lung diseases such as silicosis, lung cancer and other lung diseases can include a persistent cough, shortness of breath, wheezing, fatigue and increased mucus production. If you are concerned, you should immediately seek medical advice. |
| **Reproductive Toxicity** | No Data Available |
| **Specific Target Organ Toxicity (STOT)—single exposure Respiratory tract irritation** | Symptoms include coughing, wheezing & irritation of the nose and throat. |
| **Specific Target Organ Toxicity (STOT)—repeated exposure** | Early onset symptoms of lung diseases such as silicosis, lung cancer and other lung diseases can include a persistent cough, shortness of breath, wheezing, fatigue and increased mucus production. If you are concerned, you should immediately seek medical advice. |
| **Aspiration Hazard** | No Data Available |

**11.3 Delayed health effects from exposure**

| | |
|---|---|
| **Acute Toxicity** | No Data Available |
| **Skin corrosion/irritation** | Repeated or prolonged exposure to skin can cause dermatitis and allergic reactions. |
| **Serious eye damage/irritation** | When applied to the eyes of animals, the material produces severe ocular lesions which are present twenty-four hours or more after instillation. |
| **Respiratory or skin sensitisation** | Repeated or prolonged exposure to skin can cause dermatitis and allergic reactions. Overexposure may result in irritation of the nose and throat. High level exposure may result in breathing difficulties |
| **Germ Cell Mutagenicity** | No Data Available |
| **Carcinogenicity** | This product is a category 1 carcinogen and can cause cancer through prolonged repeated exposure. The risk of lung cancer is increased in people with Silicosis. |
| **Reproductive Toxicity** | No Data Available |
| **Specific Target Organ Toxicity (STOT)—single exposure Respiratory tract irritation** | Overexposure may result in irritation of the nose and throat. High level exposure may result in breathing difficulties |
| **Specific Target Organ Toxicity (STOT)—repeated exposure** | Repeated exposure may result in silicosis caused by deposition in the lungs of fine respirable particles. Early symptoms include coughing and breathlessness. Where product is wet the likelihood of inhalation hazard is reduced. |

| | |
|---|---|
| **Aspiration Hazard** | No Data Available |

**11.4 Exposure levels**
Exposure levels: See section 8:1

**11.5 Interactive effects**

| | |
|---|---|
| **Acute Toxicity** | No Data Available |
| **Skin corrosion/irritation** | Sensitivity of the skin can lead to greater risk of allergic skin reactions |
| **Serious eye damage/irritation** | No Data Available |
| **Respiratory or skin sensitisation** | Respiratory conditions such as asthma can increase risk of coughing and wheezing |
| **Germ Cell Mutagenicity** | No Data Available |
| **Carcinogenicity** | The risk of lung cancer is increased in people with Silicosis. |
| **Reproductive Toxicity** | No Data Available |
| **Specific Target Organ Toxicity (STOT)—single exposure Respiratory tract irritation** | Respiratory conditions such as asthma can increase risk of coughing and wheezing |
| **Specific Target Organ Toxicity (STOT)—repeated exposure** | Respiratory conditions such as asthma can increase risk of coughing and wheezing. The risk of lung cancer is increased in people with Silicosis. |
| **Aspiration Hazard** | No Data Available |

**11.6 Mixtures of chemicals**

This product contains Portland Cement (CAS-65997-15-1) and Bentonite containing Quartz Crystalline Silica (CAS-14808-60-7) All other materials are considered non-hazardous. The information provided in this SDS has been collated based on the materials listed above.

***The concentration of Respirable Crystalline Silica of this product is below the limit for carcinogens of 0.1% Per the Model Work Health and Safety Regulations 2023.***

## Section 12: Ecological Information

**12:1 Ecotoxicity**
In dry form, product may be hazardous to aquatic environment due to the alkaline nature of the product. It is non-toxic to aquatic environment when product is cured.
**12:2 Persistence & Degradability**

Product is persistent and has a low degradability
**12:3 Bio-accumulative potential**
No data available
**12:4 Mobility in soil**
Low mobility would be expected in a landfill situation
**12:5 Other adverse effects**
Avoid contamination of drains and waterways

## Section 13: Disposal Considerations

**Section 13:1 Safe disposal of product and packaging**
**P501** Dispose of contents & container waste in accordance with local regulations
Waste is considered hazardous. However cured product is considered non-hazardous. Do not allow product to enter sewerage system or drains, this will block pipes

## Section 14: Transport Information

| | |
|---|---|
| **14:1 UN number**: | None allocated |
| **14:2 Proper shipping name:** | None allocated |
| **14:3 Transport hazard class:** | None allocated |
| **14:4 Packaging group:** | None allocated |
| **14:5 Environmental hazards**: | N/A |
| **14:6 Special transport precautions:** | N/A |
| **14:7 Hazchem code**: | N/A |

## Section 15: Regulatory Information

**15:1 Safety, health and environmental regulations specific to the product**
N/A
**15:2 Poisons schedule number**
N/A

## Section 16: Regulatory Information

This SDS has been reviewed 20th March 2025. This SDS will be reviewed every 5 years. The latest version of this SDS will be available for download from https://www.tilerstradecentre.com.au/ This SDS may change from time to time as new information becomes available or in the case of a change in formulation. This SDS is has been prepared as a new document to bring into line with Globally Harmonized System requirements.

**16:2 Abbreviations and acronyms used in this SDS**
GHS = Globally Harmonized System
HC - = Hazard Category
CAS = Chemical Abstract Service
N/A = Not Applicable
TWA = Time Weighted Average
USECHH = Use and Standard of Exposure Chemical Hazardous to Health.
STOT = Specific Target Organ Toxicity
STOT SE = Specific Target Organ Toxicity – Single Exposure
STOT RE = Specific Target Organ Toxicity – Repeated Exposure
mg/m3 = milligram per cubic metre

This SDS has been prepared using information provided by the manufactures of the ingredients contained in this product. This product is a mixture of ingredients.

**…. END OF SDS ….**

**This SDS has been developed in accordance to Worksafe Australia/NOHSC guidelines**