

## SAFETY DATA SHEET

Safety Data Sheet conforms to Safe Work Australia and Work Health and Safety (WHS) Regulations

SDS: 0063362  
Date Prepared: 16-Apr-2021

Version: 2  
Page 1 of 11

### 1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** NUTHANE TOPCOAT FILLER 4kg  
**Other means of identification:** None  
**Product Description:** Inert crushed rock  
**Intended/Recommended Use:** Recommended for Industrial and/or Professional use only  
**Uses advised against:** No information available

**Allnex Australia Pty. Ltd.**  
49 - 61 Stephen Road, Botany, NSW 2019, Australia

**For Product and all Non-Emergency Information call** +61 (02) 9666 0331 (business hours only) or contact us at <http://www.allnex.com/contact>

**EMERGENCY TELEPHONE NUMBER (24 hours/day) - For emergency only involving spill, leak, fire, exposure or accident call:**

+61 1800 022 037 (Allnex Australia)  
See Section 16 for Emergency phone numbers for other regions.

### 2. HAZARDS IDENTIFICATION

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Additional GHS classification or other information may be included in this section but has not been adopted by Work Health and Safety (WHS) Regulations.

#### GHS Classification

Carcinogenicity Hazard Category 1A  
Specific Target Organ Toxicity (STOT) - Repeated Exposure Hazard Category 1  
Skin Corrosion / Irritation Hazard Category 2  
Serious Eye Damage / Eye Irritation Hazard Category 1

#### LABEL ELEMENTS



**Name of Pictogram(s)**  
Health hazard

Corrosion

### Signal Word

DANGER

### Hazard Statements

May cause cancer  
 Causes damage to organs through prolonged or repeated exposure  
 Causes skin irritation  
 Causes serious eye damage

### Precautionary Statements

#### Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust. Wear protective gloves and eye/face protection.

#### Response

IF ON SKIN: Wash with plenty of soap and water. Specific treatment - refer to first aid instructions on safety data sheet. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician. IF exposed or concerned: Get medical advice/attention. Get medical attention/advice if you feel unwell.

#### Storage

Store locked up.

#### Disposal

Dispose of contents/container in accordance with local and national regulations.

### OTHER HAZARDS

Not applicable

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Substance, Mixture or Article? Mixture

Component / CAS No.	%	GHS Classification
Silica, quartz 14808-60-7	60-80	Carc. 1A (H350i) STOT RE 1 (H372)
Portland cement 65997-15-1	30-45	Skin Irrit. 2 (H315)
Calcium hydroxide 1305-62-0	4-8	STOT Single 3 (H335) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)

Additional GHS classification or other information may be included in this section but has not been adopted by Work Health and Safety (WHS) Regulations.

See Section 16 for full text of H phrases.

## 4. FIRST-AID MEASURES

**Emergency telephone number**

Poisons Information Centre, Australia: 13 11 26

**Symptoms and Signs of Poisoning:**

Burning sensation. Itching. Rashes. Hives.

**Eye Contact:**

Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

**Skin Contact:**

Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists. Wash immediately with plenty of water and soap. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor.

**Ingestion:**

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.

**Inhalation:**

Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention.

**Notes To Physician:**

Treat symptomatically.

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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:**

full water jet.

**Protective Equipment:**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

**HAZCHEM Code:** Not applicable

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**6. ACCIDENTAL RELEASE MEASURES****Personal precautions:**

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Methods For Containment:**

Prevent further leakage or spillage if safe to do so.

**Methods For Cleaning Up:**

Take up mechanically, placing in appropriate containers for disposal.

**Environmental Precautions:**

None known.

**References to other sections:**

See Sections 7, 8 and 13 for additional information.

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## 7. HANDLING AND STORAGE

### Handling

**Precautions:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust. Wear protective gloves and eye/face protection.

**Special Handling Statements:** Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

### Storage

Keep container tightly closed and dry in a cool, well-ventilated place. Keep out of reach of children. Store locked up.

**Storage Temperature:** Ambient temperature

**Reason:** Quality.

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**Australian AS 1940 Storage Classification:** Not applicable

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### CONTROL PARAMETERS - Limits

#### Silica, quartz 14808-60-7

Australia:	0.05 mg/m <sup>3</sup> respirable dust (TWA)
New Zealand:	0.05 mg/m <sup>3</sup> respirable dust (TWA)
ACGIH (TLV):	0.025 mg/m <sup>3</sup> respirable particulate matter (TWA)

#### Portland cement 65997-15-1

Australia:	10 mg/m <sup>3</sup> inhalable dust (TWA)
New Zealand:	3 mg/m <sup>3</sup> (TWA)
	1 mg/m <sup>3</sup> respirable dust (TWA)
ACGIH (TLV):	1 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter (TWA)

#### Calcium hydroxide 1305-62-0

Australia:	5 mg/m <sup>3</sup> (TWA)
New Zealand:	5 mg/m <sup>3</sup> (TWA)
ACGIH (TLV):	5 mg/m <sup>3</sup> (TWA)

### Biological Exposure Limit(s)

No values have been established.

### Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

### Respiratory Protection:

Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and

level of exposure. Where exposures are below the established exposure limit, no respiratory protection is required. Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.

**Eye protection:**

Tight sealing safety goggles.

**Skin Protection:**

Wear suitable protective clothing.

**Hand protection:**

Wear protective gloves. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility etc) is noticed.

**Additional Advice:**

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wash hands before breaks and after work.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	powder solid
<b>Colour:</b>	coloured
<b>Odor Threshold:</b>	See Section 8 for exposure limits.
<b>Melting Point:</b>	Not available
<b>Boiling Point:</b>	Not applicable
<b>Flammability:</b>	Not available
<b>Flammable Limits (% By Vol):</b>	Not available
<b>Flash point:</b>	Solid, not expected to flash
<b>Autoignition temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	Not available
<b>pH:</b>	~ 11 Approximately
<b>Viscosity (Kinematic):</b>	Not applicable
<b>Viscosity (Dynamic):</b>	> Not applicable
<b>Solubility In Water:</b>	Not available
<b>Solubility In Solvent:</b>	Not available
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>Vapor Pressure:</b>	Not applicable
<b>Specific Gravity/Density:</b>	3.0 g/cm <sup>3</sup>
<b>Vapour density:</b>	Not available
<b>Particle characteristics:</b>	Not applicable

### 9.2 OTHER INFORMATION

#### 9.2.1 Information with regard to physical hazard classes

Not applicable

#### 9.2.2 Other safety characteristics

Not applicable

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## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No information available
<b>Stability:</b>	Stable.
<b>Conditions To Avoid:</b>	Protect from heat and direct sunlight.
<b>Polymerization:</b>	Will not occur
<b>Conditions To Avoid:</b>	None known
<b>Materials To Avoid:</b>	Strong oxidizing agents. Strong acids Strong bases
<b>Hazardous Decomposition Products:</b>	None known

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## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Skin, Eyes, Respiratory System.

### HEALTH HAZARD INFORMATION

**Acute toxicity - oral:** Not Classified  
**Acute toxicity - dermal:** Not Classified  
**Acute toxicity - inhalation:** Not Classified

**Skin corrosion / irritation:** Causes skin irritation  
**Serious eye damage / eye irritation:** Causes serious eye damage

**Respiratory sensitization:** Not Classified  
**Skin sensitization:** Not Classified

**Carcinogenicity:** May cause cancer  
**Germ cell mutagenicity:** Not Classified  
**Reproductive toxicity:** Not Classified

**Specific target organ toxicity (single exposure):** Not Classified.  
**Specific target organ toxicity (repeated exposure):** Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard:** Not Classified

### PRODUCT TOXICITY INFORMATION

#### ACUTE TOXICITY DATA

oral	rat	Acute LD50	> 2000 mg/kg
dermal	rabbit	Acute LD50	> 2000 mg/kg
inhalation	rat	Acute LC50 4 hr	> 5 mg/l (Dust/Mist)

**LOCAL EFFECTS ON SKIN AND EYE**

Acute Irritation	dermal	Irritating
Acute Irritation	eye	Risk of serious damage to eyes.

**ALLERGIC SENSITIZATION**

Sensitization	Skin	No data
Sensitization	respiratory	No data

**SUBACUTE/SUBCHRONIC TOXICITY**

**Specific target organ toxicity (repeated exposure):** Causes damage to lung through prolonged or repeated exposure by inhalation. .

**GENOTOXICITY****Assays for Gene Mutations**

Ames Salmonella Assay	No data
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**CARCINOGENICITY****OTHER INFORMATION**

The product toxicity information above has been estimated.

**HAZARDOUS INGREDIENT TOXICITY DATA**

Quartz silica (respirable fraction) can cause reduced pulmonary function when inhaled. Exposure to respirable quartz silica can cause delayed (chronic) fibrosis and other lung injury. Chronic inhalation exposure showed that quartz silica can cause lung cancer in rats but not in mice. There is also limited human evidence which shows an association of lung cancer with occupational exposure to quartz silica. This material is reported to have shown positive results in in vitro mutagenicity tests with human cell cultures. Studies have shown that tobacco smoking and high quartz silica exposure exhibit a synergistic effect for lung cancer. Silica, crystalline is a chemical known to the State of California to cause cancer.

Prolonged skin contact with Portland cement may result in skin irritation due to the alkaline, abrasive, and hydroscopic properties of wet cement. No evidence of pneumoconiosis was seen in workers exposed to Portland cement.

The oral (rat) LD50 for Calcium hydroxide is 7.34 g/kg. Calcium hydroxide dust can cause severe skin, eye, and respiratory tract irritation.

**Inventory Multi-tiered Assessment and Prioritization (IMAP)**

This product contains one or more Stage One Chemical(s).

Component / CAS No.	Stage One Chemicals
Silica, quartz 14808-60-7	Tier II Final (Human Health);Tier I Final (Environment) NICNAS holds data;Concern has been raised overseas
Portland cement 65997-15-1	Tier I Final (Human Health);Tier I Final (Environment) NICNAS holds data
Calcium hydroxide 1305-62-0	Tier II Final (Human Health);Tier I Final (Environment) NICNAS holds data;Concern has been raised overseas

**12. ECOLOGICAL INFORMATION**

This material is not classified as dangerous for the environment. The ecological assessment for this material is based on an evaluation of its components.

**ECOTOXICITY**

Not available

**BIOACCUMULATIVE POTENTIAL**

Not available

**PERSISTENCE AND DEGRADABILITY**

Not available

**MOBILITY IN SOIL**

Not available

**OTHER ADVERSE EFFECTS****HAZARD TO THE OZONE LAYER**

Not available

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**HAZARDOUS INGREDIENT TOXICITY DATA**

Component / CAS No.	Toxicity to Fish
Silica, quartz (14808-60-7)	Not available
Portland cement (65997-15-1)	Not available
Calcium hydroxide (1305-62-0)	Not available

Component / CAS No.	Toxicity to Water Flea
Silica, quartz (14808-60-7)	Not available
Portland cement (65997-15-1)	Not available
Calcium hydroxide (1305-62-0)	Not available

Component / CAS No.	Toxicity to Algae
Silica, quartz (14808-60-7)	Not available
Portland cement (65997-15-1)	Not available
Calcium hydroxide (1305-62-0)	Not available

Component / CAS No.	Partition coefficient
Silica, quartz (14808-60-7)	Not available
Portland cement (65997-15-1)	Not available
Calcium hydroxide (1305-62-0)	Not available



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## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

The company encourages the recycle and reuse of products and packaging, where possible and permitted.

#### Product disposal

When recycle or reuse is not possible, the company recommends that our products, especially when classified as hazardous, be disposed of at approved facilities. All local and national regulations should be followed.

#### Packaging disposal

Handle contaminated packages in the same way as the product itself. Disposal of emptied and cleaned packaging must be made in accordance with applicable local and national regulations.

#### Disposal-relevant information

Do not release directly or indirectly to surface water, ground water, soil or public sewage system.

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## 14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

### Australia (ADG)

Dangerous Goods? Not applicable/Not regulated  
HAZCHEM Code: Not applicable

### IMO

Dangerous Goods? Not applicable/Not regulated

### ICAO / IATA

Dangerous Goods? Not applicable/Not regulated

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## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations specific for the product in question

**Ozone Depleting Substances (Regulation (EC) No 1005/2009):** Not applicable

**Persistent Organic Pollutants (Regulation (EC) No 850/2004):** Not applicable

**Poison Schedule Number:** Not scheduled

### Work Health and Safety Regulations (Banned and/or restricted)

This product contains one or more substance(s) subject to prohibition, authorization or restriction. Verify that requirements related to using, handling, and storing substances subject to prohibition, authorization or restriction are met.

Component / CAS No.	Prohibited Carcinogens	Restricted substance
Silica, quartz 14808-60-7		For abrasive blasting at a concentration of >1%

## Inventory Information

**Australia:** All components of this product are included in the Australian Inventory of Industrial Chemicals (AIIC) or are not required to be listed on AIIC.

**New Zealand:** This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.

**European Economic Area (including EU):** When purchased and shipped from an Allnex legal entity based in the EEA (EU or Norway), this product is compliant with the registration of the REACH Regulation (EC) No. 1907/2006 as all its components are either excluded, exempt and/or registered.

**United States (USA):** All components of this product are designated as "Active" on the TSCA Inventory or are not required to be listed.

**Canada:** One or more components of this product are NOT included on the Canadian Domestic Substances List (DSL).

**China:** One or more components of this product are NOT included on the Chinese (IECSC) inventory.

**Japan:** One or more components of this product are NOT included on the Japanese (ENCS and/or ISHL) inventories.

**Korea:** One or more components of this product are NOT included on the Korean (ECL) inventory.

**Philippines:** One or more components of this product are NOT included on the Philippine (PICCS) inventory.

**Taiwan:** One or more components of this product are NOT included in the Taiwan chemical substance inventory (TCSI).

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## 16. OTHER INFORMATION

**Reasons for Issue:** Revised Section 9

**Date Prepared:** 16-Apr-2021

**Date of last significant revision:** 21-Dec-2020

### References

Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice

Globally Harmonised System of classification and labelling of chemicals (GHS)

Workplace Exposure Standards for Airborne Contaminants, Safe Work Australia

American Conference of Industrial Hygienists (ACGIH)

Australian Code for the Transport of Dangerous Goods by Road & Rail

Regulation (EC) No 1005/2009 of the European Parliament and of the Council on substances that deplete the ozone layer

Regulation (EC) No 850/2004 and amendments of the European Parliament and of the Council on persistent organic pollutants

### Component - Hazard Statements

Silica, quartz

H350i - May cause cancer by inhalation.

H372 - Causes damage to organs through prolonged or repeated exposure.

Portland cement

H315 - Causes skin irritation.

Calcium hydroxide

H315 - Causes skin irritation.

H318 - Causes serious eye damage.  
H335 - May cause respiratory irritation.

### Emergency phone numbers for other regions

#### Asia Pacific

China (PRC): +86(0)532 8388 9090 (NRCC)  
India: 000 800 100 7479 (toll free) or +65 3158 1198 (Carechem 24)  
Indonesia: 007 803 011 0293 (Carechem 24)  
Japan: +81 345 789 341 (Carechem 24)  
Korea: +82 2 3479 8401 (Carechem 24)  
Malaysia: +60 3 6207 4347 (Carechem 24)  
New Zealand: +64 0800 803 002 (Allnex New Zealand)  
Philippines: +63 2 231 2149 (Carechem 24)  
Taiwan: +886 2 8793 3212 (Carechem 24)  
Vietnam: +84 8 4458 2388 (Carechem 24)  
All Others: +65 3158 1074 (Carechem 24)

#### Europe

+44 (0) 1235 239 670 (Carechem 24)

#### Middle East, Africa

+44 (0) 1235 239 671 (Carechem 24)

#### Latin America

Brazil: +55-800-707-7022 (toll free) or +55-11-98149-0850 (Suatrans 24)  
Chile: +56 2 2582 9336 (Carechem 24)  
Mexico and all others: +52-555-004-8763 (Carechem 24)

#### Canada and USA

+1-866-928-0789 (toll free) or +1-215-207-0061 (Carechem 24 - Allnex29003-NCEC)

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