



# CONCORD SEALERS

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## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SealCoatz®  
**Product Code** -  
**Other Names** -  
**Product Use** -  
**Company Name** Concord Sealers Australia Pty Ltd 60  
**Address** Centenary Pl, Logan Village, Qld  
**Telephone Number** +61 755 4700 52  
**Emergency Telephone** +61 755 4700 52

### 2. HAZARDS IDENTIFICATION

#### *Classification of the Substance or Mixture*



#### **Exclamation Mark**

H319 - Causes serious eye irritation  
H335 - May cause respiratory irritation  
H315 - Causes skin irritation

Serious Eye Damage/Irritation - Warning - Hazard Category 2A

#### **GHS Label Elements Including Precautionary Statements**

##### **Prevention:**

Wash hands thoroughly after handling. Wear eye protection and face protection. Avoid breathing mist or vapours.  
Use only outdoors or in a well-ventilated area. Wear protective gloves.

##### **Response:**

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.

**IF ON SKIN:** Wash with plenty of soap and water.

**If skin irritation occurs:** Get medical /attention.

Take off contaminated clothing and wash before reuse.

##### **Storage:**

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

##### **Disposal:**

Dispose of container in accordance with local, regional or national regulations.

**Other hazards which do not result in classification**

No additional information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS****Chemical Characterisation****Mixture****Hazardous Ingredient**

Silicic acid, lithium salt

**CAS Number**

12627-14-4

**Proportion**

&lt;40%

**4. FIRST AID MEASURES**

**Inhalation** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms occur.

**Ingestion** If swallowed, do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**Skin** In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eyes** In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms occur.

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

For major fires call the Fire Brigade. Ensure that an escape path is available from any fire.

**Hazardous Combustion Products**

Use extinguishing media suitable for surrounding fire.

**Special Protective Actions for Firefighters**

No information available.

**Unusual Fire or Explosion Hazards**

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

**Hazchem Code**

This material is non-combustible.

Not allocated.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures**

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing. Evacuate all non-essential personnel from affected area. Ensure adequate ventilation. Avoid breathing vapours and/or mists. Do not touch or walk through spilled material.

**Environmental Precautions Methods and Materials for Containment and Cleaning Up**

In the event of a major spill, prevent spillage from entering drains or water courses.

Stop leak if safe to do so and contain spill. Absorb using an inert absorbent such as sand, clay, earth or vermiculite and transfer to proper containers for disposal. Spilled material is slippery. Promptly clean up spills.

**7. HANDLING AND STORAGE**

**Precautions for Safe** Use of safe work practices are recommended to avoid eye or skin

**Handling** contact and inhalation of vapours and/or mists. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage** Store in a tightly closed original container in a cool, dry, and well ventilated area. Keep away from acids and metals. Store in clean plastic containers. Separate from acids, reactive metals, and ammonium salts. Keep from freezing. Recommended storage temperature 15<sup>o</sup>-60<sup>o</sup> C. Do not store in aluminum, steel, fiberglass, copper, brass, zinc or galvanized containers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters - Exposure Standards (Safe Work Australia) Engineering Controls** No exposure standards set. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor below occupational exposure standards.

**Personal Protective Equipment (PPE)**



**Respiratory Protection** If all workplace limits are observed and good ventilation is ensured, no special precautions necessary. Wear a Safe Work Australia approved organic vapor respirator if ventilation is inadequate to keep vapors below the occupational exposure standards or if working in confined areas. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Eye/Face/Skin Protection** Safety glasses with top and side shields or goggles. See Australian Standards AS 1336 and AS/NZS 1337 for more information. Nitrile, neoprene or rubber gloves and protective clothing and apron. See Australian Standards AS 2161 and 2919 and AS/NZS 2210 for more information.

**Thermal Hazards** No information available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|  |                          |
|--|--------------------------|
| <b>Appearance</b>                            | Colourless clear liquid  |
| <b>Odour</b>                                 | Odourless                |
| <b>Odour Threshold</b>                       | No information available |
| <b>pH</b>                                    | 10 – 10.5                |
| <b>Melting Point</b>                         | Not applicable           |
| <b>Initial Boiling Point / Range</b>         | 101°C -102°C             |
| <b>Flash Point</b>                           | Not applicable           |
| <b>Evaporation Rate</b>                      | Not applicable           |
| <b>Flammability</b>                          | Non flammable            |
| <b>Lower Flammability or Explosive Limit</b> | Not applicable           |
| <b>Upper Flammability or Explosive Limit</b> | Not applicable           |
| <b>Vapour Pressure</b>                       | Not applicable           |
| <b>Relative Density (Specific Gravity)</b>   | 1.07                     |
| <b>Solubility in Water</b>                   | Complete (100%)          |
| <b>Auto-ignition Temperature Percent</b>     | No information available |
| <b>Volatiles by Volume</b>                   | No information available |

**10. STABILITY AND REACTIVITY**

|   |  |
|---|--|
| <b>Chemical Stability</b>               | Stable at ambient temperature and under normal conditions of use   |
| <b>Hazardous Polymerization</b>         | Will not occur.  |
| <b>Conditions to Avoid</b>              | None.  |
| <b>Incompatible Materials</b>           | Acids and metals.<br>Gels and generates heat when mixed with acid.<br>Absorbs carbon dioxide on exposure to air.<br>May react with ammonium salts resulting in evolution of ammonia gas.<br>Prolonged contact with aluminum, tin, lead and zinc may produce flammable hydrogen gas |
| <b>Hazardous Decomposition Products</b> | Hydrogen.  |

**11. TOXICOLOGICAL INFORMATION**

|   |  |
|---|--|
| <b>Toxicity</b>   | Lithium compounds:<br>Repeated ingestion or ingestion of large doses of soluble lithium compounds is reported to cause temporary mental function impairment.<br>Repeated ingestion or ingestion of large doses of soluble lithium compounds during pregnancy is reported to cause fetal abnormalities. |
| <b>Skin Corrosion/Irritation</b>                                | Causes skin irritation.  |
| <b>Serious Eye Damage/Irritation</b>                            | Causes serious eye irritation, with tearing, redness and pain.   |
| <b>Respiratory or Skin Sensitisation</b>                        | Not expected to be a sensitiser.   |
| <b>Germ Cell Mutagenicity</b>                                   | Not expected to be a hazard.   |
| <b>Carcinogenicity</b>  | This product does NOT contain any IARC listed chemicals.   |
| <b>Reproductive Toxicity</b>                                    | Not expected to be a developmental toxicant. Not expected to impair fertility.   |
| <b>Specific Target Organ Toxicity (STOT) - Single Exposure</b>  | May cause respiratory irritation.  |
| <b>Specific Target Organ Toxicity (STOT) -Repeated Exposure</b> | Not expected to be a hazard.   |
| <b>Aspiration Hazard</b>  | Not expected to be a hazard.   |
| <b>Existing Conditions Aggravated by Exposure</b>               | No information available.  |

**12. ECOLOGICAL INFORMATION**

|   |                           |
|---|---------------------------|
| <b>Toxicity</b>                                       | No information available. |
| <b>Bioaccumulation, Persistence and Degradability</b> | No information available. |

**13. DISPOSAL CONSIDERATIONS**

|   |   |
|---|---|
| <b>Disposal methods and containers</b>                  | Dispose according to applicable local and state government regulations.         |
| <b>Special precautions for landfill or incineration</b> | Please consult your state Land Waste Management Authority for more information. |

**14. TRANSPORT INFORMATION**

Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous goods by road or rail.

|  |                |
|--|----------------|
| <b>UN Number</b>   | Not applicable |
| <b>Proper Shipping Name</b>                                      | Not applicable |
| <b>Dangerous Goods Class</b>                                     | Not applicable |
| <b>Subsidiary Risk</b>   | Not applicable |
| <b>Hazchem Code</b>  | Not applicable |
| <b>Packing Group</b>   | Not applicable |
| <b>Special Provisions</b>  | Not applicable |
| <b>Limited Quantities</b>  | Not applicable |
| <b>Packagings &amp; IBCs - Packing Instruction</b>               | Not applicable |
| <b>Packagings &amp; IBCs - Special Packing Provisions</b>        | Not applicable |
| <b>Portable Tanks &amp; Bulk Containers - Instructions</b>       | Not applicable |
| <b>Portable Tanks &amp; Bulk Containers - Special Provisions</b> | Not applicable |

**15. REGULATORY INFORMATION**

Silicic acid, lithium salt is listed in the Australian Inventory of Chemical Substances (AICS).

**16. OTHER INFORMATION**

|                             |                      |  |
|-----------------------------|----------------------|--|
| <b>Last Revision of SDS</b> | Rev 2.0 (27/02/2023) |  |
| <b>Prepared by</b>          | SDS.COM.AU Pty Ltd   | <a href="http://www.sds.com.au">www.sds.com.au</a> |

|                           |  |
|---------------------------|--|
| <b>Abbreviations Used</b> | GHS – Globally Harmonised System of Classification and Labeling of Chemicals<br>IARC: International Agency for Research on Cancer<br>STEL: Short term exposure limit<br>TWA: Time weighted average |
|---------------------------|--|

**Emergency Contacts**

|   |                                |
|---|--------------------------------|
| <b>Concord Sealers Australia Pty Ltd</b>                          | <b>+61 755 4700 52</b>         |
| <b>Concord Sealers - Emergency Number Police and Fire Brigade</b> | <b>+61 755 4700 52<br/>000</b> |
| <b>Poisons Information Centre</b>                                 | <b>131126</b>                  |

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*This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"*