



CONCORD SEALERS

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SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name LithiCoatz®
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

<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°-60° 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.
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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.
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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.
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Thermal Hazards	No information available.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless clear liquid
Odour	Odourless
Odour Threshold	No information available
pH	10 – 10.5
Melting Point	Not applicable
Initial Boiling Point / Range	101°C -102°C
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability	Non flammable
Lower Flammability or Explosive Limit	Not applicable
Upper Flammability or Explosive Limit	Not applicable
Vapour Pressure	Not applicable
Relative Density (Specific Gravity)	1.07

Solubility in Water	Complete (100%)
Auto-ignition Temperature	No information available
Percent Volatiles by Volume	No information available

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Toxicity

No information available.

Bioaccumulation, Persistence and Degradability

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers

Dispose according to applicable local and state government regulations.

Special precautions for landfill or incineration

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.

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

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Last Revision of SDS Prepared by

Rev 2.0 (27/02/2023)
SDS.COM.AU Pty Ltd

www.sds.com.au

Abbreviations Used

GHS – Globally Harmonised System of Classification and Labeling of Chemicals
IARC: International Agency for Research on Cancer
STEL: Short term exposure limit
TWA: Time weighted average

Emergency Contacts

Concord Sealers Australia Pty Ltd	+61 755 4700 52
Concord Sealers - Emergency Number Police and Fire Brigade	+61 755 4700 52 000
Poisons Information Centre	131126

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Concord Sealers Australia Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this safety data sheet. SDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.

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"