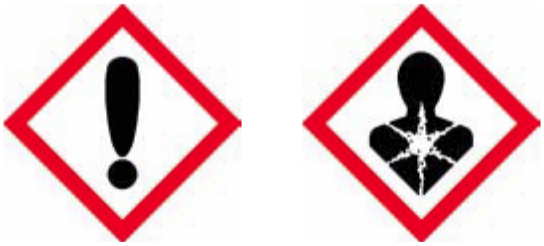
Safety Data Sheet

1. Identification

Product Name:	Bondurox Super C
Other Names:	
Recommended use:	Polyurethane Adhesive (moisture cure)
Supplier:	Uroxsys Ltd
Street Address:	2 Stonedon Drive, East Tamaki, Auckland
Telephone Number:	+64 9 2740808 (8.00am to 5.00pm, Monday to Friday)
Emergency Telephone:	After hours phone CHEMCALL 0800 243622 (or +64 4 9179888)
National Poison Information Centre	0800 POISON (764766)
Date of issue	1st September 2022

2. Hazards identification

GHS classification of the substance/mixture
Classified as Hazardous according to Hazardous Substances (Hazard Classification) Notice 2020
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433: 2020 Transport of Dangerous Goods.



Skin irritation Category 2, Serious eye irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Carcinogenicity Category 2, STOT (repeated exposure) Category 2

EPA Approval: HSR002679
Surface Coatings and Colourants (Carcinogenic) Group Standard 2020
6.3A, 6.4A, 6.5A, 6.5B, 6.7B, 6.9B

Signal Word:
DANGER

Hazard Statements:

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351: Suspected of causing cancer.
H373: May cause damage to organs through prolonged or repeated exposure

Precautionary Statements – Prevention:

P102: Keep out of reach of children.
P103: Read label before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash hands thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P281: Wear personal protective equipment as required.
P285: In case of inadequate ventilation wear respiratory protection. *(see section 8)*

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 soap and water.
P304+P340: IF INHALED: Remove 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.
P314: Get medical advice/attention if you feel unwell.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P362: Take off contaminated clothing and wash before re-use.

Precautionary Statements – Storage:

P405: Store locked up

Precautionary Statements – Disposal:

P501: Do not let product enter the environment. Do not dispose of in waterways or sewers. Unwanted product should be brushed out on newspaper, allowed to cure and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to cure. When cured, recycle the container via recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council first.

3. Composition/information on ingredients

Material	CAS No	Content %
IsocyanatePrepolymer		30 – 60
Methylene, 4,4'-diphenyl diisocyanate-	101-68-8	10 – 30
Propylene carbonate	108-32-7	< 10
4,4'-Methylenediphenyl diisocyanate, oligomers	25686-28-6	< 10
Polymethylenepolyphenylisocyanate	9016-87-9	< 10
Non-hazardous materials		Balance

4. First-aid measures

If poisoning occurs, contact a doctor or Poisons Information Centre Phone 0800 764 766.

Ingestion: Immediately rinse mouth with water. Give plenty of water to drink. If vomiting occurs give further water. Seek medical assistance.

Inhalation: Remove victim from area of 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. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Get to a hospital or doctor quickly.

Skin Contact: Wipe material from skin with cloth or absorbent paper. Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. If swelling , redness, blistering, or irritation occurs seek medical advice. Traces of cured material (after water contact) is not considered hazardous. Do NOT remove with solvent. Allow to peel off naturally or hasten by soaking in tepid to warm water.

Eye Contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing is contaminated and wash skin. Seek immediate medical assistance.

Notes to physician:

Treat symptomatically. Effects may be delayed.

5. Fire-fighting measures

Hazards from combustion: On burning may emit toxic fumes including those of carbon oxides, nitrogen oxides, isocyanate vapours and hydrogen cyanide.

Fire-fighting advice: Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder)

6. Accidental release measures

Emergency procedures: If contamination of sewers or waterways has occurred advise local emergency services.

Methods for containment & clean up:

For small spills: Quickly wipe up material before it cures, with cloth or absorbant paper avoiding skin contact. Uncured material will dissolve in acetone or acetone based nail polish remover. Cured material can only be removed by abrasion.

For large spills: Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Scrape up material before it cures. Collect and seal in properly labeled containers for disposal. Wash area down with excess water. Cured material can only be removed by abrasion.

7. Handling and storage

Handling advice: Avoid skin and eye contact.

Storage advice: Store in a cool place and out of direct sunlight. Store away from acids, alcohols, oxidizing agents, moisture and sources of heat or ignition. Keep dry, reacts with water; may lead to drum rupture. Keep containers closed at all times, check regularly for leaks.

8. Exposure controls/personal protection

Occupational Exposure Limits:
Occupational Exposure Limits: No value assigned for this specific material by Worksafe NZ. However, NZ Worksafe: Workplace exposure standards and biological exposure indices, April 2022 for constituent(s): Isocyanates, all, (as -NCO): WES-TWA 0.02mg/m^3 and WES-STEL 0.07mg/m^3.

Engineering Control Measures:
Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Use in well ventilated area. Keep containers closed when not in use.

Personal Protective Equipment:
Avoid skin and eye contact and inhalation of vapour. Wear overalls, safety boots, full-face visor and general purpose gloves (PVC). Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. Physical and chemical properties

Physical state:	Brown thixotropic paste
Solubility:	Insoluble in water.
Specific Gravity:	1.2
Flash Point (°C):	>100°C (closed cup)
Flammability Limits (%):	not available
Boiling Point/Range (°C):	>208

10. Stability and reactivity

Stability:	Stable under normal condirions
Conditions to avoid:	Avoid contact with foodstuffs.
Incompatible materials:	Reacts with alcohols, acids, oxidizing agents and moisture

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 may be an irritant to mucous membranes and respiratory tract. A respiratory sensitiser. Can cause possible allergic reactions.

Skin contact: Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: An eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

Acute toxicity:
Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 >5.0mg/L Product cannot be sprayed.

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5,000 mg/Kg bw

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5,000 mg/Kg bw

Corrosion/Irritancy: Eye: this material has been classified as a 6.4A -Substances that are irritating to the eye.
Skin: this material has been classified as a 6.3A -Substances that are irritating to the skin.

Sensitisation: Inhalation: this material has been classified as a 6.5A -Substances that are respiratory sensitisers. Skin: this material has been classified 6.5B -Substances that are contact sensitisers.

Aspiration hazard: This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity
Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as a 6.7B -Substances that are suspected human carcinogens.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as a 6.9B -Substances that are harmful to human target organs or systemss

12. Ecological information

Avoid contaminating waterways.
Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L
Long-term aquatic hazard: This material has been classified as non-hazardous. 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.
Ecotoxicity in the soil environment: This material has been classified as non-hazardous.
Ecotoxicity to terrestrial vertebrates: This material has been classified as non-hazardous.
Ecotoxicity to terrestrial invertebrates: This material has been classified as non-hazardous.
Ecotoxicity: No information available.
Persistence and degradability: No information available.
Bioaccumulative potential: No information available.
Mobility: No information available

13. Disposal considerations

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent.

Empty container:Do not contaminate storm water with product or product washing. Do not pour product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to dry out. When dry, recycle the container via recycling programmes. Disposal of empty paint containers via domestic recycling programmes may differ between local authorities. Check with your local council first.

14. Transport information

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433: 2020 Transport of Dangerous Goods.

Road and Rail Transport
Not classified as Dangerous Goods by NZS 5433 Transport of Dangerous Goods on Land.

Marine Transport
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport
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

EPA Approval:HSR002670.
Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020

16. Other information

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Uroxsys Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact Uroxsys Limited at the contact details on page 1.

While Uroxsys Ltd believes that the information contained herein is based on data considered accurate, no warranty or representation is expressed or implied for which Uroxsys Ltd assumes legal responsibility.

This version replaces all previous versions.

END OF SDS