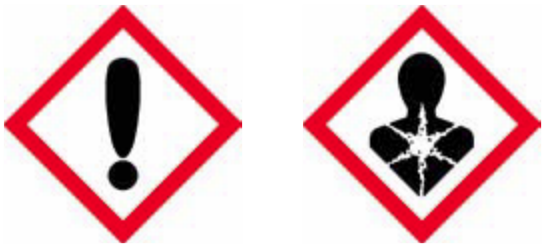
Safety Data Sheet

1. Identification

Product Name:	Bondurox Super C
Recommended use:	Polyurethane Adhesive (moisture cure)
Uses advised against:	Thixotropic liquid, must not be sprayed or heated above 60 °C
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	24th February 2025

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.



Acute Toxicity - Inhalation - Category 4, Skin irritation Category 2, Serious eye irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Carcinogenicity Category 2, Specific Target Organ Toxcity (single exposure) Category 3 (respiratory tract irritant), Specific Target Organ Toxcity (repeated exposure) Category 2

EPA Approval: HSR002679
Surface Coatings and Colourants (Carcinogenic) Group Standard 2020
6.1D (i), 6.3A, 6.4A, 6.5A, 6.5B, 6.7B, 6.9B, 6.1E (respiratory tract irritant)

Signal Word:
DANGER

Hazard Statements:

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351: Suspected of causing cancer
H335: May cause respiratory irritation
H373: May cause damage to organs through prolonged or repeated exposure.
Thixotropic liquid so won't be sprayed, no dust or mist

Precautionary Statements – Prevention:

P102: Keep out of reach of children.

P103: Read label before use.
P201: Obtain special instructions 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.
P271: Use only outdoors or in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace
P280: Wear protective gloves/protective clothing/eye protection/face protection.
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+P341: IF INHALED: If breathing is difficult, 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.
P308+P313: IF exposed or concerned: Call a POISON CENTER or doctor/physician.
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 dry and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to dry. When dry, 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.

PPE for First Aiders: Wear safety shoes, overalls, gloves, safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically. Effects may be delayed.

5. Fire-fighting measures

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Combustible material.

Fire fighting further advice: On burning or decomposing may emit toxic fumes. Fire fighters to wear selfcontained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Put on protective equipment (see section 8). Ensure adequate ventilation/exhaust extraction. Keep unauthorized persons away. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Environment related measures
Do not allow to escape into waterways, wastewater or soil. If contamination of sewers or waterways has occurred advise local emergency services.

Methods and material for containment and cleaning up
For small spills: Quickly wipe up material before it cures, with cloth or absorbent paper avoiding skin contact. 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 labelled containers for disposal. Wash area down with excess water. Cured material can only be removed by abrasion.

7. Handling and storage

Precautions for safe handling:
This product cannot be sprayed and must never be heated. Avoid skin and eye contact. If using above 40°C ensure adequate ventilation or an organic vapour mask is worn.

Condition for safe storage, including incompatibilities:

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Keep containers closed at all times, check regularly for leaks.

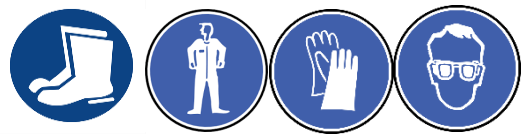
8. Exposure controls/personal protection

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.

Biological Limit Values: No biological limits allocated

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
Odour:	Not established
Odour Threshold:	not established
pH:	not applicable
Melting/Freezing point:	not established
Boiling point/boiling range:	ca. 242 °C
Flash point:	>100 °C
Flammability (solid, gas):	not applicable
Upper/lower flammability or explosive limits:	not applicable
Vapour pressure:	not established
Vapour density:	not established
Specific gravity:	1.2
Solubility:	Insoluble
Partition coefficient (n−octanol/water):	not established
Auto-ignition temperature:	not applicable
Decomposition temperature:	not established
Viscosity:	not established
Particle characteristics:	not established

10. Stability and reactivity

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions: No known hazardous reactions.

11. Toxicological information

Data sourced from raw material SDSs and/or CCID
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
Certified Handler: Not Required.
Tracking : Not Required
All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt.

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.

Glossary
EPA: Environmental Protection Authority (NZ)
WES: NZ Work Exposure Standard
TWA: Time Weighted Average
STEL: Short Term Exposure Limit
CCID: Chemical Classification & Identification Database (EPA)

END OF SDS