



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product **Cogri Rapid Seal 75 (Rapid Cure Joint Sealant) Part**
Company Name **A** CoGri Australia Pty Ltd
 4/15 Meadow Way
 Banksmeadow NSW 2019
 Australia
 Tel: +61 2 9316 8808
www.cogrigroup.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

Name	EC No	CAS -No	Content	Classification
Diphenylmethane Diisocyanate(MDI)		101-68-8	02 ppm CeI	Not Determined
Propylene Carbonate		108-32-7	Not Det	Not Determined

3. HAZARDS IDENTIFICATION

Main Hazards

Inhalation - Possible May cause nausea and respiratory tract irritation. May cause respiratory sensitisation in susceptible individuals.

Ingestion - Possible No significant signs or symptoms of any adverse health hazards through ingestion.

Skin Contact - Possible May cause slight irritation of the skin, or possible swelling and redness.

Eye Contact - Possible May cause mild irritation to eyes. Splashes may be irritating or painful and vapours may cause slight uncomfortable feeling.

Acute Health Hazards No information is available on the acute health hazards of this product. Based upon data from testing of similar products, no significant effects are expected.

Chronic Health Hazards Misted & high concentrations may cause, nausea, anaesthetic or narcotic effects.

Medical Conditions Generally Aggravated by Exposure Skin & eye sensitisation. Depending on individual skin sensitivity, chronic or prolonged exposure may result in irritation, blistering, burning and peeling of skin.

4. FIRST AID MEASURES

Skin contact Remove contaminated clothing immediately. Rinse affected skin with copious amounts of clean water for 20 – 30 minutes. Use soapy water if needed. If redness, itching, or a burning sensation develops, seek medical advice.

Eye contact Immediately flush eyes with running water for at least 15 minutes without interruption. If redness, itching or a burning sensation develops, seek medical advice.

Ingestion Do **NOT** induce vomiting. Drink water to dilute and seek medical attention immediately.

Inhalation Remove to fresh air immediately. Give oxygen and seek medical attention.

5. FIRE-FIGHTING MEASURES

Flammable Limits Not Established

Flash Point (Method) >200 degree Fahrenheit (Pensky-Marten Closed)

NFPA Hazard Rating	Health: 3	Hazard Scale	Protective Equipment
	Flammability: 1	0 = Least	A = Safety Glasses
	Reactivity: 1	1 = Slight	B = Safety Glasses, Gloves
	Other: B	2 = Moderate	C = Safety Glasses, Gloves, Apron
		3 = High	D = Safety Glasses, Gloves, Apron & Respirator
		4 = Extreme	

HMIS Hazard Rating Health: 3
Flammability: 1

Reactivity: 1
Other: B

Extinguishing media Dry powder, Carbon Dioxide, Water spray. Foam.

Exposure hazards Carbon Dioxide, Carbon Monoxide, and Nitrogen Oxides may be formed.

Protection of fire-fighters Remove all ignition sources. Wear self contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapours or product exists.

Unusual Fire and Explosion Hazards Closed containers may rupture due to build up of pressure when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with material. Persons not wearing appropriate personal protective equipment should be excluded from the area until the spill is cleaned up. Stop spill at source and pump liquid to a salvage container. The remaining liquid may be taken up on clay, diatomaceous earth, or other absorbent. Treat with a concentration of ammonium hydroxide or 5-10% sodium carbonate. Add 10 parts neutralizing solution/part isocyanate. Let stand for 48 hrs.

7. HANDLING AND STORAGE

Handling requirements Use in well ventilated areas. Prevent all skin and eye contact and avoid breathing of vapors. Keep containers tightly closed when not in use. Store in a cool dry area and protect from moisture contamination. Exothermic generation of carbon dioxide may cause dangerous pressure. Keep away from all ignitable sources and extreme heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures



Ventilation

Ensure there is sufficient ventilation of the area. Local exhaust may be required in confined spaces. Special exhausting generally is not required.

Respiratory Protection

Respiratory masks should be worn at all times when adequate ventilation does not exist.

Hand protection

Use of impervious protective gloves of neoprene, PVC or rubber.

Eye protection

Full face safety goggles/face shield recommended.

Skin protection

Overalls and impervious foot covering recommended.

Work & Hygienic Practices

Good airflow in work area. Eye wash station and safety shower should be available. Gloves and respiratory equipment to be worn at all times

9. PHYSICAL AND CHEMICAL PROPERTIES

State Liquid.
Colour Pale Yellow to Amber.
Odour Faint Odour.
Solubility in water Insoluble.
Solids by weight 100%
Percent Volatile By Weight (Grams): 0% By Volume (Litre): 0%
Volatiles Organic Compounds (VOC) With Water – 0% Without Water – 0%
Boiling Point N/A
Freezing Point No Data
Melting Point No Data
Viscosity No Data
Vapour Pressure No Data

10. STABILITY AND REACTIVITY

Stability Stable

Conditions to avoid (stability) Avoid excessive heat, open flame, sparks and strong oxidizing agents. Protect from atmospheric moisture. Replace outage with inert dry oxygen.

Conditions to avoid (polymerisation) Avoid incompatible reactants, especially strong bases, waters or temperatures above 160 degrees C

Materials to avoid Water, acid, base (alkalis and ammonias) alcohols and metal compounds.

Haz. Decomposition Products Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides, Isocyanate vapours.

Hazardous Polymerisation Will not occur under normal circumstances.

11. TOXICOLOGICAL INFORMATION

No Data

12. ECOLOGICAL INFORMATION

No Data

13. DISPOSABLE CONSIDERATIONS

Disposal Methods Waste must be disposed in compliance with local and national regulations. Use excess material if possible in alternate beneficial applications.

RCRA Hazard Class Non Regulated

14. TRANSPORT INFORMATION

ADR/RID

UN no	None	ADR Class	Non Regulated in 55 gallon
Packing Group		Classification code	drums, NOI
Proper Shipping Name	Methylene Diphenyl diisocyanate pre polymer	Risk no	

IMDG/IMO

UN no		Class	Non Regulated
Packing Group		EmS	
Marine Pollutant		Labelling	

IATA/ICAO

UN no		Class	Non Regulated
Packing Group		Packing Instruction	
Labelling			

15. REGULATORY INFORMATION

Hazard Symbol



Harmful



Irritant

Risk Phrases

R20: Harmful by inhalation
 R36/37/38: Irritating to eyes, respiratory system and skin
 R42/43: May cause sensitisation by inhalation and skin contact

Safety Phrases

S23: Do not breathe vapours
 S36/37: Wear suitable protective clothing and gloves
 S45: In case of accident or if you feel unwell, seek medical advice immediately

UK Regulatory Reference

The Control of Substances Hazardous to Health Regulations 1988

Approved Code of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply

The Toxic Control Substance Act (TCSA), Section 12(b) Export Notification. This product contains the following chemical substances subject to the requirements of TSCA 12(b) if exported from the United States: There are no TCSA 12(b) chemicals in this product.

CERCLA specifically requires the person in charge of a vessel or facility to report the release of a hazardous substance whose amount equals or exceeds the assigned Reportable Quantity (RQ). See section 2.

16. OTHER INFORMATION

Other information Read in conjunction with Part B Material Safety Data Sheet.

Disclaimer This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy themselves as the suitability of such information for their own particular use.