



SAFETY DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

ISSUED OCTOBER 2021 (VALID 5 YEARS FROM THE DATE OF ISSUE)

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

SUPPLIER	CHEMTOOLS PTY LTD	PHONE	1300 738 250 (Business Hours)
ADDRESS	Unit 2, 14 – 16 Lee Holm Road ST MARYS NSW 2760	FAX	02 9623 3670
		WEBSITE	www.chemtools.com.au

PRODUCT NAME	Rapidstick™ 8-103Z Polyurethane Adhesive (Plastic & Wood Bonding) – Part B		
PART NUMBER	8-103Z	PRODUCT TYPE	Adhesive
PRODUCT USE	Bonding a variety of surfaces		
CREATION DATE	September 2021	LATEST REVISION DATE	Refer to date of issue above

SECTION 2: HAZARDS IDENTIFICATION

Statement of Hazardous Nature	Classified as NON-HAZARDOUS according to the Safe Work Australia criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS7).
SUSMP Classification	Not applicable
ADG Classification	Not classified as DANGEROUS GOODS by the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail and the New Zealand NZS5433: Transport of Dangerous Goods on Land

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Chemical Entity	CAS Number	Proportion
Ingredients determined to be non-hazardous	-	100%

SECTION 4: FIRST AID MEASURES

General Advice	If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).
Inhalation	Remove victim from 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. Seek medical advice if effects persist.
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.
Eye Contact	If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

POISONS INFORMATION CENTRE: 13 1126 FROM ANYWHERE IN AUSTRALIA (0800 764 766 FROM NEW ZEALAND)



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Ingestion	Wear safety shoes, overalls, gloves, chemical goggles. 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.
PPE for First Aiders	Treat symptomatically. Effects may be delayed.
Notes to Physician	Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Hazchem Code	Not applicable.
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 self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spills	Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.
Large Spills	Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.
Dangerous Goods Initial Emergency Response Guide	Not applicable.

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SECTION 7: HANDLING AND STORAGE

Handling	Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols.
Storage	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. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

No value assigned for this specific material by Safe Work Australia.

Biological Limit Values	As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.
Engineering Measures	Natural ventilation should be adequate under normal use conditions.
Personal Protection Equipment	SAFETY SHOES, OVERALLS, GLOVES, CHEMICAL GOGGLES. Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted. Wear safety shoes, overalls, gloves, chemical goggles. 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.
Hygiene Measures	Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	Black
Odour	Not available
Solubility	Negligible in water
Specific Gravity (20°C)	Not available
Relative Vapour Density (air = 1)	> 1

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Vapour Pressure (20°C)	Not Available
Flash Point (°C)	> 160
Flammability Limits (%)	Not applicable
Auto Ignition Temperature	Not Available
Melting Point/Range (°C)	Not Available
Boiling Point/Range (°C)	Not Available
pH	Not Applicable
Viscosity	Not Available
Total VOC (g/Litre)	Not Available

(*typical: Typical values only. Consult specification sheet)

SECTION 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

SECTION 11: TOXICOLOGICAL INFORMATION

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 over-exposure occurs are:

ACUTE EFFECTS

Inhalation	Material may be an irritant to mucous membranes and respiratory tract.
Skin Contact	Contact with skin may result in irritation.
Ingestion	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Eye Contact	An eye irritant.

ACUTE TOXICITY

Inhalation	This material has been classified as not hazardous for acute inhalation exposure. Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 5.0 mg/L for dust and mist.
Skin Contact	This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients): LD50 > 2,000 mg/Kg bw

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Ingestion	This material has been classified as not hazardous for acute ingestion exposure. Acute toxicity estimate (based on ingredients): LD50 > 2,000 mg/Kg bw
Corrosion/Irritancy	Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.
Sensitisation	<u>Inhalation</u> : This material has been classified as not a respiratory sensitiser. <u>Skin</u> : This material has been classified as a not a skin sensitiser.
Aspiration Hazard	This material has been classified as not an aspiration hazard.
Specific Target Organ Toxicity (single exposure)	This material has been classified as not a specific hazard to target organs by a single exposure.

CHRONIC TOXICITY

Mutagenicity	This material has been classified as not a mutagen
Carcinogenicity	This material has been classified as not a carcinogen.
Reproductive Toxicity (including via lactation)	This material has been classified as not a reproductive toxicant.
Specific Target Organ Toxicity (repeated exposure)	This material has been classified as not a specific hazard to target organs by repeat exposure.
Other Health Effects Information	Persons with pre-existing asthma, liver, kidney, central nervous system and skin complaints should avoid unnecessary exposure to this product. Every effort to protect eyes, respiratory tract and skin exposure should be taken especially in these circumstances.

SECTION 12: ECOLOGICAL INFORMATION

General Information	Avoid contaminating waterways.
Acute Aquatic Hazard	This material has been classified as not hazardous for acute aquatic exposure. Acute toxicity estimate (based on ingredients): > 100 mg/L
Long-Term Aquatic Hazard	This material has been classified as not hazardous for chronic aquatic exposure. 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	No information available.
Persistence and Degradability	No information available.
Bioaccumulation Potential	No information available.
Mobility	No information available.

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SECTION 13: DISPOSAL CONSIDERATIONS

General Information	Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see Section 8 of this SDS. If possible, material and its container should be recycled. If material or container cannot be recycled, dispose of in accordance with local, regional, national and international Regulations.
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SECTION 14: TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the Australian Code for the Transport of dangerous Goods by Road & Rail and the New Zealand NZS5433: Transport of Dangerous of 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.

SECTION 15: REGULATORY INFORMATION

This material is not subject to the following international agreements:	Montreal Protocol (Ozone depleting substances) The Stockholm Convention (Persistent Organic Pollutants) The Rotterdam Convention (Prior Informed Consent) Basel Convention (Hazardous Waste) International Convention for the Prevention of Pollution from Ships (MARPOL)
This material/constituent(s) is covered by the following requirements:	The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth). AICIS Status: All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC).

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SECTION 16: OTHER INFORMATION

KEY/LEGEND	
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th Edition)
AICS	Australian Inventory of Chemical Substances
CAS Number	Chemical Abstracts Service (Registry Number)
CO2	Carbon Dioxide
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services, especially firefighters.
IARC	International Agency for Research on Cancer
KG	Kilograms
LC50	LC stands for Lethal Concentration
LD50	LD stands for Lethal Dose
LT	Litres
N.O.S.	Not Otherwise Specified
NTP	National Toxicology Program (USA)
ppm	Parts per Million
STEL	Short Term Exposure Limit
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
SWA	Safe Work Australia, formerly ASCC and NOHSC
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN Number	United Nations Number

This SDS is prepared in accordance with the Safe Work Australia (SWA) document, entitled: **Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice (February 2016)**.

This Safety Data Sheet (SDS) summarises our best knowledge of the Health and Safety Hazard information pertaining to this product, including how to safely handle and use the product in the workplace.

Each user must review this SDS in the context of the how the product will be handled and used. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact **Chemtools Pty Ltd**, whereby we will attempt to obtain additional information from our suppliers.

Our responsibility for products sold is subject to our Terms and Conditions, a copy of which is sent to our customers and is also available upon request.

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